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OKLAHOMA CORPORATION COMMISSION
Oil & Gas Conservation Division
Post Office Box 52000
Oklahoma City, Oklahoma 73152-2000

OKLAHOMA CORPORATION COMMISSION

1. API No. 35-087-21965 ✓
2. OTC Prod. Unit No. 087-212791
3. Date of Application 3/27/15

4. Application For (check one)

A. Commingle Completion in the Wellbore (165:10-3-39)

B. Commingle Completion at the Surface (165:10-3-39)

C. Multiple (Dual) Completion (165:10-3-36)

D. Downhole Multiple Choke Assembly (165:10-3-31)

Oklahoma Corporation Commission
Oil & Gas Division
Approved

5. Operator Name Charter Oak Production Co., LLC ✓	OTC/OCC No. 21672-0 ✓	Email brevetti@charteroakproduction.com
Address 13929 Quail Pointe Drive		Phone No. (405) 286-0361
City Oklahoma City	State OK	Zip 73134
6. Lease Name/Well No. Gateway 1-7 ✓	FAX No. (405) 286-4396	
Location within Sec. (1/4 1/4 1/4 1/4) SW NE SW NE ✓	Sec. 07 ✓	Twp 05N ✓
	Rge 01W ✓	County McClain ✓

8. The following facts are submitted:	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
A. Name of common source of supply	Basal Penn	Woodford	Hunton
B. Top and bottom of pay section (perforations)	6864' - 6890' O.A. ✓	6904' - 7043' O.A. ✓	7044' - 7094' O.A. ✓
C. Type of production (oil or gas)	Oil & Gas	Oil & Gas	Oil & Gas
D. Method of production (flowing or art. lift)		<---Pumping---> ✓	
E. Latest test data by zone (oil, gas, and water)		<---11 BO, 111 MCF, 41 BW--->	
F. Wellhead or bottom hole pressure		<---100 psi---> ✓	
G. Spacing order number and size of unit	80 Ac. / 615300	80 Ac. / 615300	80 Ac. / 615300
H. Increased density order number	N/A	N/A	N/A
I. Location exception order number and penalty	N/A	N/A	N/A

If 4A, 4B or 4D above, and size of the units under 8G above are not the same, have the different allocations been addressed? N/A Yes No

9. List all operators with mailing addresses within 1/2 mile, producing from the above listed zones.

No operators other than Charter Oak Production Co., LLC producing from the above listed zones within 1/2 mile.

10. The operators listed above have been notified and furnished a copy of this application. N/A Yes No
If no, an affidavit of mailing must be filed not later than five (5) days after submission of this application.

11. Classification of well (see OAC 165:10-13-2) Oil Gas

12. ATTACH THE FOLLOWING:

A. Correlation log section (porosity, resistivity, or gamma ray) with top and bottom of perforated intervals marked. *Log + copy for Sylvan + Viola*

B. Diagrammatic sketch of the proposed completion of the well. ✓

C. Plat showing the location of all wells within 1/2 mile producing from the zones listed above. ✓

D. If 4B, 4C or 4D above, a Form 1024, Packer Setting Report, and a Form 1025 Packer Leakage Test.

E. If 4A, 4B or 4D above, and size of the units under 8G above are not the same, have the different allocations been addressed? Yes No

I hereby certify that I am authorized to submit this application which was prepared by me or under my supervision. The facts and proposals made herein are true correct and complete to the best of my knowledge and belief.

Joseph C. Brevetti Signature **JC Brevetti** Engineering Tech. Title **(405) 286-0361** Phone (AC/NO)

OCC USE ONLY

S.A Staff Signature _____ Phone No. 4.11.15 Date Approved Rejected

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City Oklahoma City	State OK	Zip 73134	
6. Lease Name/Well No. Gateway 1-7		FAX No. (405) 286-4396	
Location within Sec. (1/4 1/4 1/4 1/4) SW NE SW NE	Sec. 07	Twp 05N	Rge 01W
		County McClain	

8. The following facts are submitted:	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
A. Name of common source of supply	Sylvan	Viola	
B. Top and bottom of pay section (perforations)	7458' - 7460'	7468' - 7576' O.A.	
C. Type of production (oil or gas)	Dry	Dry	
D. Method of production (flowing or art. lift)	Pumping--->		
E. Latest test data by zone (oil, gas, and water)	0 BO, 0 MCF, 85 BW--->		
F. Wellhead or bottom hole pressure	200 psi--->		
G. Spacing order number and size of unit	80 Ac. / 615300	80 Ac. / 615300	
H. Increased density order number	N/A	N/A	
I. Location exception order number and penalty	N/A	N/A	

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Joseph C. Brevetti Signature JC Brevetti Engineering Tech. Title (405) 286-0361 Phone (AC/NO)

OCC USE ONLY this 1023, (Sylvan and Viola) should have been submitted separately from 1023 page 1.

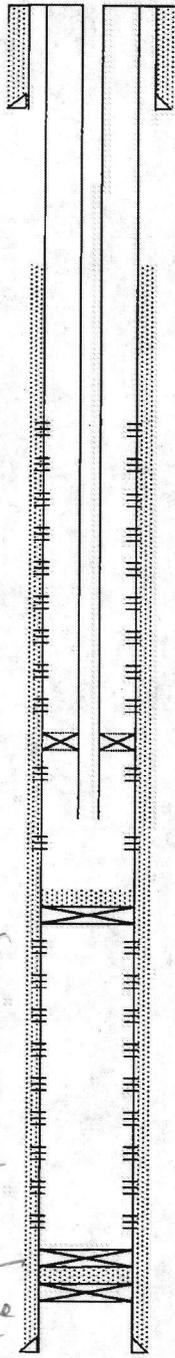
Just because they are trying to correct it, we'll accept it this time as part of the first page of the 1023. Approved Rejected

Staff Signature _____ Phone No. _____ Date _____

Treat this page as an independent 1023 from page 1 as if they are two separate commingling. S.A. (2)

Charter Oak Production Co., LLC

Created By: JC Brevetti 03/27/15



8 5/8" @ 211'

TOC @ 6125'

TAC @ 6723'

Basal Penn 6864' - 6866'

Basal Penn 6888' - 6890'

Woodford 6904' - 6906'

Woodford 6922' - 6924'

Woodford 6931' - 6933'

Woodford 6956' - 6958'

Woodford 6970' - 6972'

Woodford 6983' - 6985'

Woodford 6996' - 6998'

CIBP @ 7020' (Pushed to 7603')

Woodford 7030' - 7043'

SN @ 7036'

Hunton 7044' - 7094'

CIBP @ 7300'

Sylvan 7458' - 7460'

Viola 7468' - 7470'

Viola 7485' - 7487'

Viola 7504' - 7506'

Viola 7514' - 7516'

Viola 7527' - 7529'

Viola 7558' - 7561'

Viola 7568' - 7572'

Viola 7556' - 7576'

CIBP @ 7603' (Pushed from 7020')

CIBP @ 7620'

5 1/2" @ 7807'

DTD 9085', LTD 9085'

Operator: Charter Oak Production Co., LLC	
Lease Name: Gateway	
Well #: 1-7	
Field: Wildcat	
State: Oklahoma	
County: McClain	
Location: 688' FSL, 843' FWL NE	
Sec, Twn, Rnge: 7-T5N-R1W	
Spud Date: 9/25/13	
Completion Date: 3/1/15	
API: 35-087-21965	
GL: 1108', KB: 1120', DF: 1118'	
OTC PUN: 087-212791	

Surface Equipment Inventory	
Pumping Unit: Big M 320	
Motor:	
Oil Tanks: 2 - 210 BBL Steel	
Water Tank: 1 - 210 BBL FG	
Separator: 30" x 10'	
Heater: Yes	
Pump: 2" x 1 1/4" x 18" w/ 6" GA	
Rod String Design: 20 - 7/8" D, 184 - 3/4" D, 67 - 7/8" D	
Subs: 2'	
Polished rod: 20'	

Casing Design						
Size	Weight	Grade	Joints	Hole Size	Setting Depth	Sx Cement TOC
8 5/8"	24#		5	12 1/4"	211	175 Surface
5 1/2"	17#		203	7 7/8"	7807	290 6125'

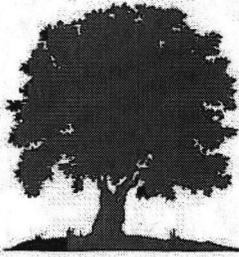
Tubing Design						
Size	Weight	Grade	Joints	Hole Size	Setting Depth	Comments
2 3/8"		J-55	224		7036'	

Perforated Intervals			
Top	Bottom	Formation	Perforation Date
6864	6866	Basal Penn	11/12/2014
6888	6890	Basal Penn	11/12/2014
6904	6906	Woodford	11/12/2014
6922	6924	Woodford	11/12/2014
6931	6933	Woodford	11/12/2014
6956	6958	Woodford	11/12/2014
6970	6972	Woodford	11/12/2014
6983	6985	Woodford	11/12/2014
6996	6998	Woodford	11/12/2014
7030	7043	Woodford	11/18/2013
7044	7094	Hunton	11/18/2013
7458	7460	Sylvan	10/20/2014
7468	7470	Viola	10/20/2014
7485	7487	Viola	10/20/2014
7504	7506	Viola	10/20/2014
7514	7516	Viola	10/20/2014
7527	7529	Viola	10/20/2014
7558	7561	Viola	10/20/2014
7568	7572	Viola	10/20/2014
7568	7576	Viola	11/8/2014

Packers, Plugs, Etc.					
Type	Depth	Date Set	Date Removed	Removal Method	Notes
CIBP	7620'	10/20/2014			DB 2sx cement
CIBP	7020'	11/12/2014	11/24/2014	Drilled Out	Pushed to 7603'
CIBP	7300'	1/8/2015			DB 2sx cement
TAC	6723'	1/8/2015			
SN	7036'	1/8/2015			

They should have submitted a 1023 for these two zones regardless of whether they found Hydrocarbon or not. Note: they pushed the plug up to 7300' after they found out the two zones were Dry.

Notes



Charter Oak Production Co., LLC

13929 Quail Pointe Drive, Oklahoma City, OK 73134
Phone 405 286 0361 Fax 405 286 4396
brevetti@charteroakproduction.com

Samir Alwazzi, Oil & Gas Specialist, Engineer
S.Alwazzi@occcemail.com
Oklahoma Corporation Commission
P.O. Box 52000
Oklahoma City, OK 73152-2000

March 27, 2015

Re: Gateway 1-7, API# 35-087-21965
Section 07-5N-1W, McClain Co., OK
1023 – Commingle Completion in the Wellbore

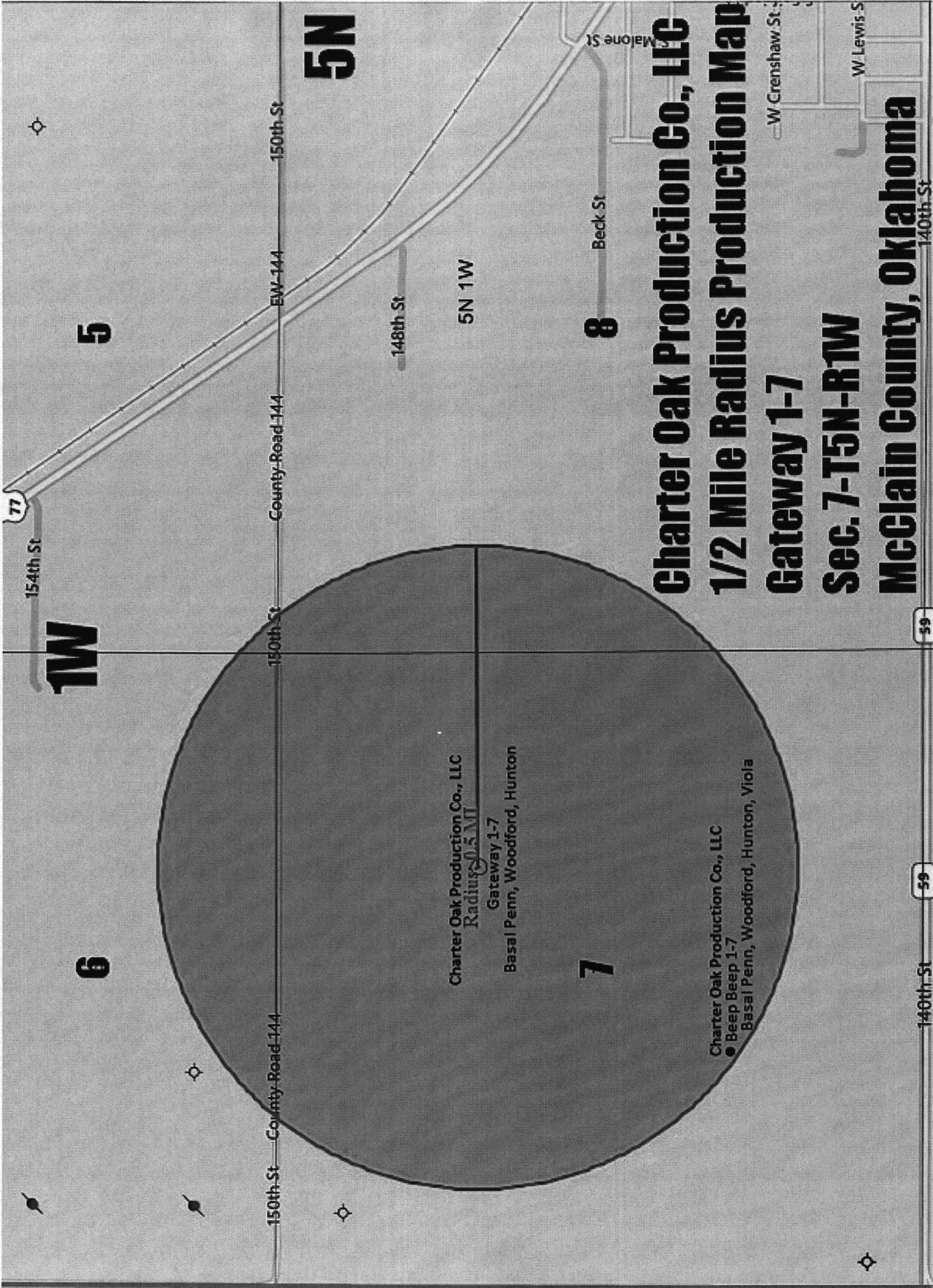
Dear Sir,

Charter Oak Production operates the Gateway 1-7 in section 07-5N-1W and proposes a commingle completion in the wellbore. A timeline of events is below.

- Ranken Energy Corporation (Ranken) spuds the well on 9/25/13 and sets production casing on 10/22/13.
- Ranken perforates the Woodford and Hunton formations from 7030' – 7094' on 11/18/13.
- Charter Oak Production (COP) acquires Gateway 1-7 from Ranken in September 2014.
- COP perforates Sylvan and Viola formations from 7458' – 7572' on 10/21/14 and shuts in until frac on 11/8/14.
- Sylvan and Viola are not tested and CIBP is set above all existing perforations at 7020' on 11/12/14.
- Basal Penn and Woodford formations from 6864' – 6998' are perforated on 11/12/14.
- CIBP @ 7020' is drilled out and pushed to 7603' on 11/25/14.
- Gateway 1-7 is shut in waiting on installation of pumping unit until 12/11/14.
- Gateway 1-7 produces no hydrocarbons from Basal Penn, Woodford, Hunton, Sylvan, and Viola and CIBP is set above Sylvan and Viola formations at 7300' on 1/8/15.
- First production is 1/9/15 and first sales is 1/12/15 from Basal Penn, Woodford, and Hunton formations.

Cordially,
Charter Oak Production Co., LLC

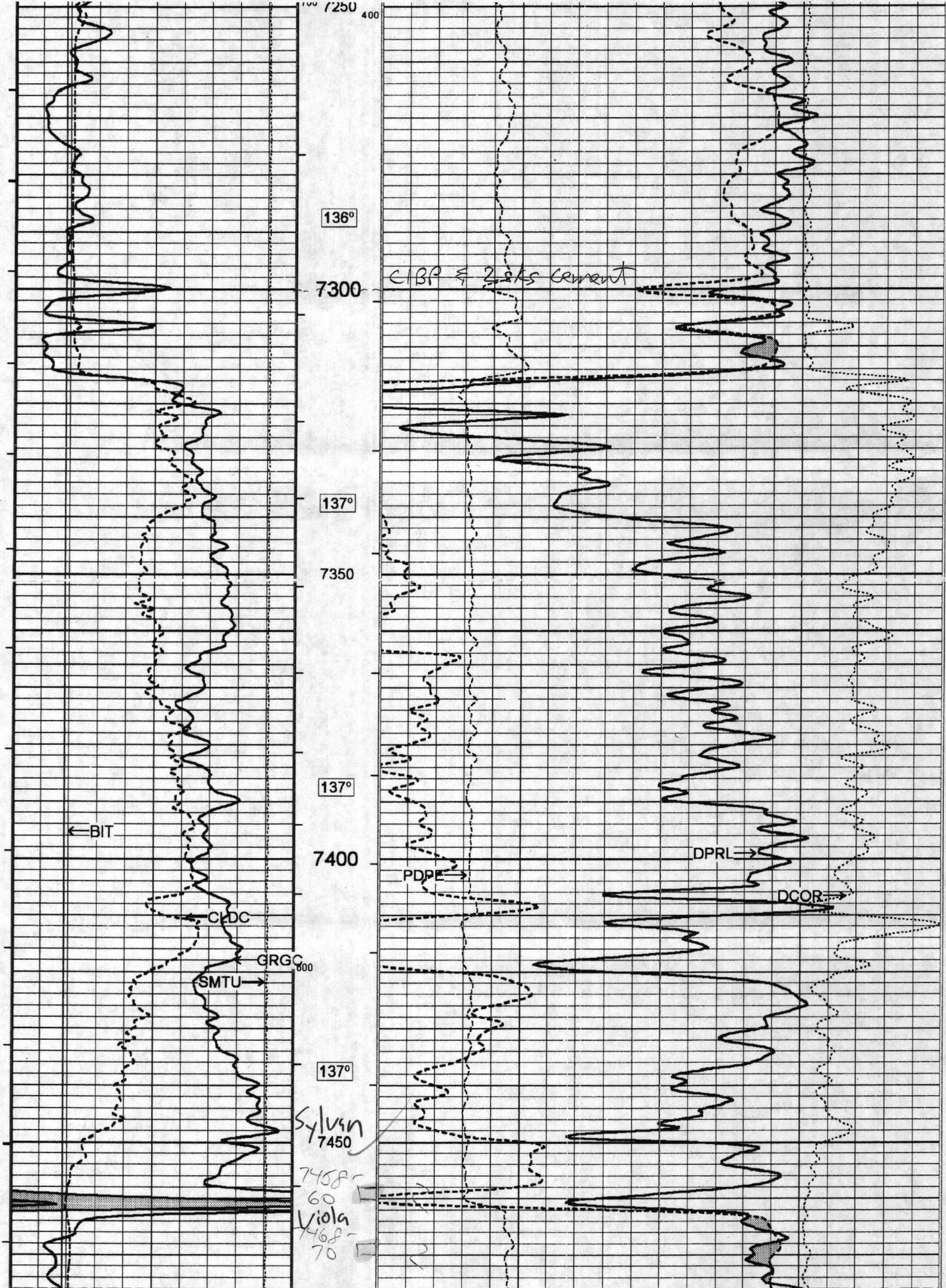
JC Brevetti
Engineering Tech.



Charter Oak Production Co., LLC
1/2 Mile Radius Production Map
Gateway 1-7
Sec. 7-T5N-R1W
McClain County, Oklahoma

Charter Oak Production Co., LLC
Radius 0.5 MI
Gateway 1-7
Basal Penn, Woodford, Hunton

Charter Oak Production Co., LLC
● Beep Beep 1-7
Basal Penn, Woodford, Hunton, Viola



7250 400

136°

7300

CIBP 2 2/3% cement

137°

7350

137°

7400

← BIT

CLDC

GRGC000

SMTU →

PDPE →

DPRL →

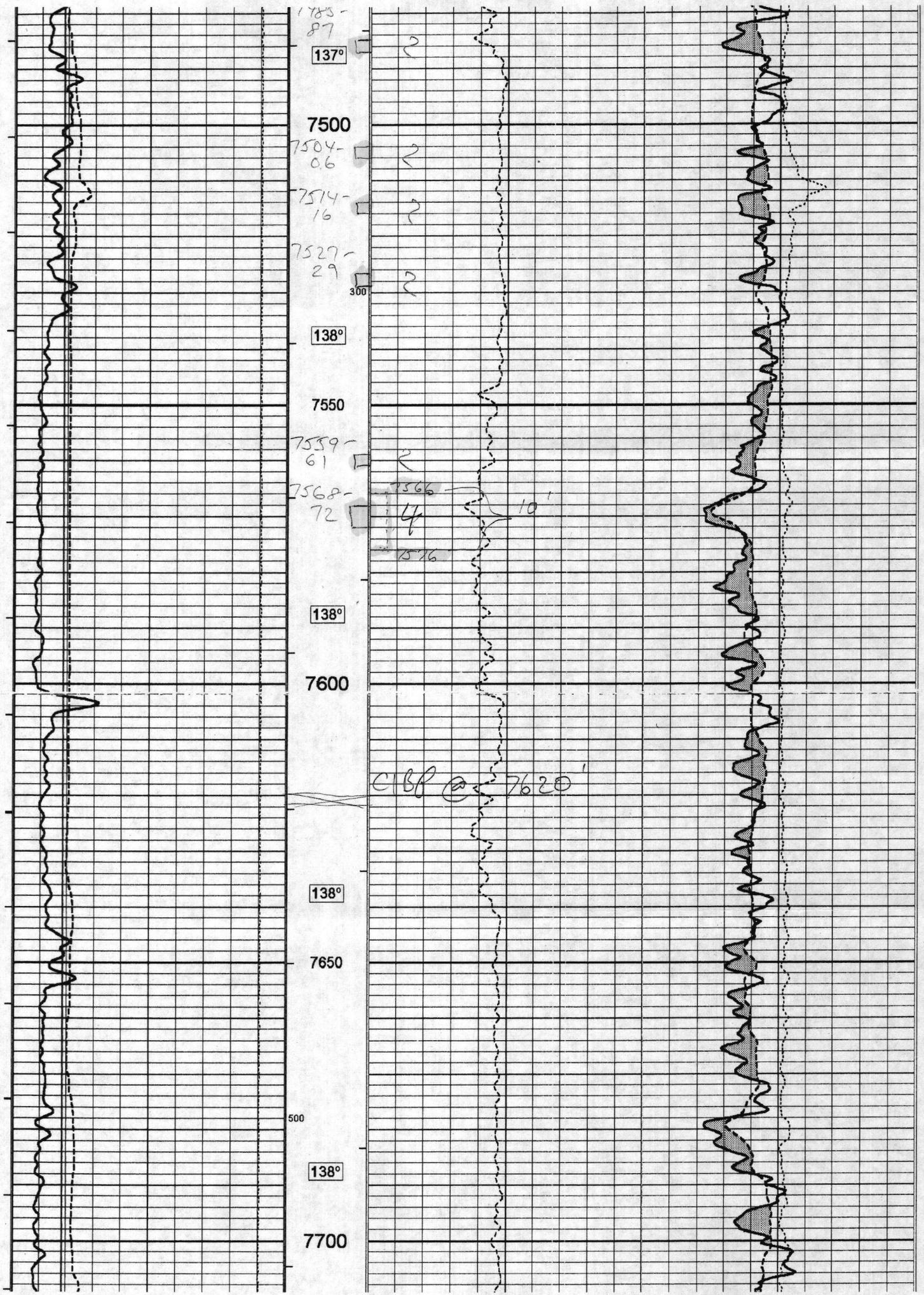
DCOR →

137°

Sylvan
7450

7458
60

Viola
462
70



1783-
87

137°

7500

7504-
0.6

7514-
16

7527-
29

300

138°

7550

7559-
61

7568-
72

7566

4

10'

7576

138°

7600

CIBF @ 7620'

138°

7650

500

138°

7700

*this is the history of this well as a support documents
To the 1023 of the Gateway #1-7*

Ranken Energy Corporation

Gateway #1-7

Drilling/Completion Report

Report Period: 07/01/2013 to 09/16/2014

Well Name: Gateway #1-7	Operator: Ranken Energy Corporation
Description: SW NE SW NE SEC 7-5N-1W	Contractor: Winter Creek Drilling, LLC
County: McClain OK	Projected TD: 9150
Prospect: Hot Dog (2013-1 Turkey Creek)	KB Elevation: 1054
SPUD Date: 09/25/2013	Formation @ TD: Basal Oil Creek (Lower)
Tight Hole: Yes	

Date	Hrs	Field Report
07/18/2013		MEET W/ TOPOGRAPHIC SURVEYORS & SURFACE RENTAL TERRY MCGOWEN & STAKE LOC IN SEC 07-05N-01W NE 1/4 OF MCCLAIN CO AT 1,652' FNL & 1,797' FEL X=2,197,305 & Y=579,270 W/ GL ELEVATION OF 1,108'.
07/29/2013		MEETING W/ BOARD OF DIRECTORS OF CONTINENTAL GATEWAY AUTHORITY IN PURCELL AT MCCLAIN CO. COURTHOUSE. PRESENT AT MEETING WERE BENNY MCGOWEN, CHAIRMAN OF BOARD, 2 BOARD MEMBERS, DISTRICT ATTORNEY FOR MCCLAIN CO., & ATTORNEY FOR CONTINENTAL GATEWAY AUTHORITY. REPRESENTING RANKEN ENERGY WERE GENE DUNCAN & TERRY STOKES AS LEGAL REP. WE DID NOT SETTLE ANY DAMAGES & WELL FILE ON SURFACE DAMAGE ACT FOR LOC AND LOC ROAD ASAP.
08/09/2013		CALL OKIE LOCATE FOR LOCATE OF ALL REGISTERED UNDERGROUND LINES IN SEC 07-05N-01W IN NE 1/4, SE 1/4 & SW 1/4 W/ VERIFICATION #13081010300103.
08/23/2013		CALL OKIE LOCATOR & RENEW LOCATE INFORMATION W/ VERIFICATION #13082316062576.
09/04/2013		MI DOZER. LAYOUT LOC FOR WINTER CREEK DRILLING RIG #3. MOVE TRACKHOE TO SHALE PIT. LOAD 6 LOADS OF SHALE ON TRUCKS AT SHALE PIT & TRUCK TO LOC. DOZER SPREAD SHALE ON LOC ROAD TO MAKE TURN EAST OFF OLD EXISTING LOC ROAD. DOZER BACKDRAG LOC ROAD & MAKE REPAIRS AS NEEDED. DOZER START BUILDING LOC.
09/05/2013		TRACKHOE LOAD 26 LOADS OF SHALE ON TRUCKS AT SHALE PIT & TRUCK TO LOC. DOZER SPREAD SHALE ON LOC ROAD. BUILD LOC ROAD & PREPARE NEXT 1/2 OF MILE OF ROAD FOR SHALE W/ TOTAL OF 1.1 MILE OF LOC ROAD.
09/06/2013		TRACKHOE LOAD 28 LOADS OF SHALE ON TRUCKS AT SHALE PIT & TRUCK TO LOC. SPREAD SHALE ON LOC ROAD W/ DOZER.
09/07/2013		TRACKHOE LOAD 6 LOADS OF SHALE ON TRUCKS AT SHALE PIT & TRUCK TO LOC. SPREAD SHALE W/ DOZER ON LOC ROAD.
09/08/2013		MOVE DOZER TO SHALE PIT TO STOCKPILE SHALE. TRACKHOE LOAD 21 LOADS OF SHALE ON TRUCKS AT SHALE PIT & TRUCK TO LOC. DOZER SPREAD ON LOC ROAD & LOC. BACKDRAG & PACK LOC ROAD.
09/09/2013		TRACKHOE LOAD 5 LOADS OF SHALE ON TRUCKS AT SHALE PIT & TRUCK TO LOC. DOZER SPREAD SHALE ON LOC ROAD. HAUL IN & SPREAD 10 LOADS 2 1/2" CR ON LOC ROAD W/ DOZER. DOZER BUILD LOC AS PER BID.
09/10/2013		MOVE TRACKHOE TO SHALE PIT & DOZER TO LOC. LOAD 18 LOADS OF SHALE ON TRUCKS AT SHALE PIT & TRUCK TO LOC. DOZERS SPREAD SHALE & BUILD LOC. HAUL IN & SPREAD 4 LOADS 2 1/2" CR ON LOC ROAD W/ DOZER.
09/11/2013		TRACKHOE LOAD 24 LOADS OF SHALE ON TRUCKS AT SHALE PIT & TRUCK TO LOC & SPREAD W/ DOZER. BUILD LOC W/ DOZER. HAUL IN & SPREAD 2 LOADS 2 1/2" CR ON LOC W/ DOZER. BACKDRAG LOC & LOC ROAD W/ DOZER.
09/12/2013		TRACKHOE LOAD 21 LOADS OF SHALE ON TRUCKS & TRUCK TO LOC. SPREAD SHALE ON LOC & LOC ROAD W/ DOZER. HAUL IN & SPREAD 7 LOADS 2 1/2" CR ON LOC ROAD W/ DOZER. BUILD LOC W/ DOZER.
09/13/2013		TRACKHOE LOAD 39 LOADS OF SHALE AT SHALE PIT. TRUCK TO LOC & DOZER SPREAD SHALE ON LOC.
09/14/2013		TRACKHOE LOAD 29 LOADS OF SHALE AT SHALE PIT. TRUCK TO LOC & DOZER SPREAD SHALE ON LOC.
09/15/2013		TRACKHOE LOAD 21 LOADS OF SHALE AT SHALE PIT. TRUCK TO LOC & DOZER SPREAD SHALE ON LOC.
09/16/2013		TRACKHOE LOAD 37 LOADS OF SHALE AT SHALE PIT. TRUCK TO LOC & DOZER SPREAD SHALE ON LOC. MI 2ND DOZER TO SPREAD SHALE ON LOC.
09/18/2013		TRACKHOE LOAD 34 LOADS OF SHALE ON TRUCKS AT SHALE PIT & TRUCK TO LOC. DOZER SPREAD SHALE ON LOC.
09/19/2013		TRACKHOE LOAD 22 LOADS OF SHALE ON TRUCKS AT SHALE PIT & TRUCK TO LOC. MOVE BACKHOE TO LOC & INSTALL 6 TIN HORNS IN LOC ROAD & COVER W/ SHALE. HAUL IN & SPREAD 17 LOADS 2 1/2" CR ON LOC & LOC ROAD W/ DOZER. DOZER BACKDRAG LOC & LOC ROAD.
09/20/2013		DOZER BACKDRAG LOC & LOC ROAD. READY FOR RATHOLE EQUIPMENT.
09/21/2013		MI & RU FRED'S RATHOLE SERVICE. DRILL RAT & MOUSE HOLES & SET CELLAR FOR WINTER CREEK DRILLING RIG #3. BACKHOE MOVE EXCESS DIRT FROM RATHOLE EQUIPMENT TO EDGE OF LOC.
09/22/2013		DOZER BACKDRAG LOC & LOC ROAD WILL START MI OF WINTER CREEK DRILLING RIG #3 ON MONDAY MORNING.

Ranken Energy Corporation

Gateway #1-7

Drilling/Completion Report

Report Period: 07/01/2013 to 09/16/2014

Date	Hrs	Field Report
09/23/2013		ROUSTABOUT CREW PICK UP & DEL FENCING MATERIAL TO LOC. BACKHOE CLEAR EASEMENT AROUND LOC FOR FENCE. ROUSTABOUT CREW RU TEMPORARY FENCE AROUND LOC. TRACKHOE LOAD 5 LOADS OF SHALE ON TRUCKS AT SHALE PIT. DOZER SPREAD SHALE ON LOC & LOC ROAD. HAUL IN & SPREAD 12 LOADS 2 1/2" CR ON LOC & LOC ROAD. MI MAINTAINER W/ LASER & FINAL GRADE ON LOC & LOC ROAD. START MI OF WINTER CREEK DRILLING RIG #3.
09/24/2013		MI TUG DOZER & TRACKHOE. FINISH MI & RU 80% COMPLETE ON WINTER CREEK DRILLING RIG #3 W/ AID OF DOZER. HAUL IN & SPREAD 2 LOADS 2 1/2" CR & 7 LOADS 1 1/2" CR ON LOC ROAD W/ DOZER. MAINTAINER W/ LASER MADE FINAL GRADE ON LOC & LOC ROAD. TRACKHOE & DOZER OPEN HAUL OFF PIT & STOCKPILE DIRT AT EDGE OF LOC.
09/25/2013		TRACKHOE BUILD DIKE AROUND HAUL OFF PIT TO HOLD LINER IN PLACE. ROUSTABOUT CREW PICK UP FENCING SUPPLIES & DEL TO LOC. BUILD TEMPORARY FENCE AROUND HAUL OFF PIT. HAUL IN & SPREAD 11 LOADS 2 1/2" CR ON LOC W/ DOZER. MAINTAINER W/ LASER FINAL GRADE LOC & LOC ROAD.
09/25/2013 (Day 1)	4.5	FINISH RU - INSTALL PIT LINER.
	4.75	DRLG 12 1/4" HOLE FROM 0' TO 250' W/ 250' OF PROG.
	0.5	TOH W/ BIT #1 12 1/4" RERUN IN @ 0' OUT @ 250' DRILLED IN 4 3/4 HRS AVG 52.6' PER HR.
	0.5	CONN & SURVEY - 3/4° AT 107' - 1° AT 250'
	1	RU & RUN 5 JTS 8 5/8" 24# ST&C SURFACE CSG W/ CSG SET @ 211' GL.
	1	RU OILWELL CMTRS & CMT 8 5/8" SURFACE CSG PUMPING 10 BBL FRESH WTR AHEAD FOLLOWED BY 175 SKS CLASS A CMT W/ 2% CACL W/ 1/4# PER SK FLOCELE - DISPLACE W/ 12.25 BBL FRESH WTR HOOD RETURNS WHILE CMTG W/ CMT CIRC TO SURFACE.
	4	WOC
	2	NIPPLE UP BOP
	0.75	TIH W/ BIT #2 7 7/8" SEC FX55 W/ 5-13 JETS S/N 11845387 IN @ 250'.
	3.5	DRLG 7 7/8" HOLE FROM 250' TO 635' W/ 385' OF PROG. AVG ROP - 84.6'. WOB - 4/6K. RPMs - 80/120. PP - 500#. MUD WT - 8.5. VIS - 28. WL - N/C. DAILY MUD COSTS - \$0.00 CUMM MUD COSTS - \$0.00.
	1.5	DRLG 40' CMT
09/26/2013 (Day 2)	23	DRLG 7 7/8" HOLE FROM 635' TO 2,930' W/ 2,295' OF PROG. AVG ROP - 99.7'. WOB - 6K. RPMs - 120. PP - 1000#. MUD WT - 9. VIS - 29. WL - N/C. DAILY MUD COSTS - \$2,479.00 CUMM MUD COSTS - \$2,479.00.
	1	CONN & SURVEY - 1° AT 761' - 3/4° AT 1018' - 1/2° AT 1516' - 1/2° AT 2527'.
09/26/2013		HAUL IN & SPREAD 10 LOADS 2 1/2" CR ON LOC W/ BACKHOE. ROUSTABOUT CREW W/ BACKHOE REPAIR GATE AT ENTRANCE TO LOC FROM HW 59 & REPLACE WHEEL & TIRE ON GATE.
09/27/2013 (Day 3)	17.75	DRLG 7 7/8" HOLE FROM 2,930' TO 4,007' W/ 1,077' OF PROG. AVG ROP - 60.6'. WOB - 4/6K. RPMs - 120. PP - 1100#. MUD WT - 9.2. VIS - 28. WL - 20. DAILY MUD COSTS - \$489.56 CUMM MUD COSTS - \$2,969.00.
	0.5	CONN & SURVEY - 3/4° AT 3,500'
	0.25	RIG SERVICE
	5.5	RIG REPAIR WORK ON ELECTRICAL PANEL
09/27/2013		HAUL IN & SPREAD 6 LOADS 2 1/2" CR & 2 LOADS 1 1/2" CR ON LOC & LOC ROAD W/ BACKHOE & MAINTAINER. BACKDRAG LOC & LOC ROAD.
09/28/2013 (Day 4)	23.25	DRLG 7 7/8" HOLE FROM 4,007' TO 4,702' W/ 695' OF PROG. AVG ROP - 29.9'. WOB - 6K. RPMs - 110. PP - 1100#. MUD WT - 9.3. VIS - 32. WL - N/C. DAILY MUD COSTS - \$2,010.36 CUMM MUD COSTS - \$4,979.00.
	0.5	CONN & SURVEY - 1/2° AT 4,500'
	0.25	RIG SERVICE
09/28/2013		HAUL IN & SPREAD 4 LOADS 1 1/2" CR ON LOC & LOC ROAD W/ BACKHOE. BACKDRAG LOC & LOC ROAD.
09/29/2013 (Day 5)	23	DRLG 7 7/8" HOLE FROM 4,702' TO 5,237' W/ 535' OF PROG. AVG ROP - 23'. WOB - 6K. RPMs - 115. PP - 1200#. MUD WT - 9.3. VIS - 36. WL - 18. DAILY MUD COSTS - \$1,380.23 CUMM MUD COSTS - \$6,359.00.

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09/29/2013 (Day 5)	0.75	CONN & SURVEY - 1° AT 5,016'
	0.25	RIG SERVICE
09/30/2013 (Day 6)	18.5	DRLG 7 7/8" HOLE FROM 5,237' TO 5,645' W/ 408' OF PROG. AVG ROP - 22'. WOB - 6K. RPMs - 115. PP - 1100#. MUD WT - 9.5. VIS - 37. WL - 18. DAILY MUD COSTS - \$718.20 CUMM MUD COSTS - \$7,077.00.
	0.25	CONN & SURVEY - 1 1/2° AT 5,519'
	0.25	RIG SERVICE
	0.5	REPAIR ROTARY CHAIN
10/01/2013 (Day 7)	4.5	WIRELINE BROKE WHILE RUNNING SURVEY - PULLED 39 STDs TO RETRIEVE SURVEY TOOL & TRIP BACK TO BTM.
	22.25	DRLG 7 7/8" HOLE FROM 5,645' TO 5,992' W/ 347' OF PROG. AVG ROP - 15.6'. WOB - 6K. RPMs - 120. PP - 1200#. MUD WT - 9.4. VIS - 45. WL - 24. DAILY MUD COSTS - \$492.45 CUMM MUD COSTS - \$7,570.00.
	1.5	CONN & SURVEY - 3/4° AT 5,804'
	0.25	RIG SERVICE
10/02/2013 (Day 8)	23	DRLG 7 7/8" HOLE FROM 5,992' TO 6,280' W/ 288' OF PROG. AVG ROP - 12.5'. WOB - 6K. RPMs - 115. PP - 1200#. MUD WT - 9.4. VIS - 52. WL - 17. DAILY MUD COSTS - \$2,222.64 CUMM MUD COSTS - \$9,763.00.
	0.5	CONN & SURVEY - 1 1/2° AT 6,055'
	0.5	RIG SERVICE
10/03/2013 (Day 9)	23.25	DRLG 7 7/8" HOLE FROM 6,280' TO 6,575' W/ 295' OF PROG. AVG ROP - 12.7'. WOB - 6K. RPMs - 115. PP - 1200#. MUD WT - 9.4. VIS - 54. WL - 8.8. DAILY MUD COSTS - \$2,149.04 CUMM MUD COSTS - \$11,942.00.
	0.5	CONN & SURVEY - 3/4° AT 6,306'
	0.25	RIG SERVICE
10/04/2013 (Day 10)	23.25	DRLG 7 7/8" HOLE FROM 6,575' TO 6,812' W/ 237' OF PROG. AVG ROP - 10.2'. WOB - 6K. RPMs - 110. PP - 1400#. MUD WT - 9.4. VIS - 54. WL - 8.4. DAILY MUD COSTS - \$1,452.89 CUMM MUD COSTS - \$13,394.00.
	0.5	CONN & SURVEY
	0.25	RIG SERVICE
10/04/2013		TRACKHOE LOAD 8 LOADS OF SHALE ON TRUCKS AT SHALE PIT & TRUCK TO LOC. MOVE DOZER TO LOC & DEL CATTLEGUARD TO LOC. ROUSTABOUT CREW REMOVE GATE & RD FENCE. DOZER CUT LOC ROAD & ROUSTABOUT CREW LEVEL & SET BOARDS FOR CATTLEGUARD TO SET ON. SET CATTLEGUARD IN PLACE & PUT SHALE IN PLACE ON BOTH SIDES OF CATTLEGUARD. ROUSTABOUT CREW TIE FENCE INTO CATTLEGUARD. HAUL IN & SPREAD 1 LOAD 2 1/2" CR AT CATTLEGUARD W/ DOZER. BACKDRAG LOC & LOC ROAD W/ DOZER.
10/05/2013 (Day 11)	22.5	DRLG 7 7/8" HOLE FROM 6,812' TO 6,974' W/ 162' OF PROG. AVG ROP - 7.2'. WOB - 6K. RPMs - 115. PP - 1500#. MUD WT - 9.4. VIS - 64. WL - 7.2. DAILY MUD COSTS - \$3,258.06 CUMM MUD COSTS - \$16,653.00.
	0.5	CONN & SURVEY - 1° AT 6,840'
	0.5	RIG SERVICE
	0.5	REPAIR - RTY CHAIN
10/06/2013 (Day 12)	17.25	DRLG 7 7/8" HOLE FROM 6,974' TO 7,103' W/ 129' OF PROG. AVG ROP - 7.5'. WOB - 6K. RPMs - 115. PP - 1500#. MUD WT - 9.4. VIS - 65. WL - 7.2. DAILY MUD COSTS - \$1,614.50 CUMM MUD COSTS - \$18,267.00.
	0.25	RIG SERVICE
	1	LOST CIRC WHILE DRLG @ 7,059' MIX & PUMP LCM PILLS TO REC TOTAL RETURNS - LOST APPROX 250 BBLs.
	5.5	TOH W/ BIT #2 7 7/8" SEC FX55 W/ 5-13 JETS S/N 11845387 IN @ 250' OUT @ 7,103' DRILLED 6,853' IN 240 1/2 HRS AVG 28.5 FT PER HR.

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10/07/2013 (Day 13)	18.5	DRLG 7 7/8" HOLE FROM 7,103' TO 7,230' W/ 127' OF PROG. AVG ROP - 6.8'. WOB - 6K. RPMs - 85. PP - 1400#. MUD WT - 9.3. VIS - 68. WL - 7. DAILY MUD COSTS - \$2,747.22 CUMM MUD COSTS - \$21,014.00.
	0.75	CONN & SURVEY - 1° AT 7,122'
	0.25	FINISH TOH W/ BIT #2 - STRAP PIPE OUT NO DEPTH CHG PER STRAP.
	4.5	TIH W/ BIT #3 7 7/8" SEC FX65 W/ 6-13 JETS S/N 11694824 IN @ 7,103' - 2127 UNITS TRIP GAS.
10/08/2013 (Day 14)	22	DRLG 7 7/8" HOLE FROM 7,230' TO 7,459' W/ 229' OF PROG. AVG ROP - 10.4'. WOB - 6K. RPMs - 80. PP - 1400#. MUD WT - 9.2. VIS - 73. WL - 6.4. DAILY MUD COSTS - \$1,544.97 CUMM MUD COSTS - \$22,559.00.
	0.75	CONN & SURVEY - NO PIC AT 7,373'
	0.25	RIG SERVICE
10/09/2013 (Day 15)	1	CHECK SURFACE EQUIPMENT FOR PRESSURE LOSS.
	21.75	DRLG 7 7/8" HOLE FROM 7,459 TO 7,615' W/ 156' OF PROG. AVG ROP - 7'. WOB - 6K. RPMs - 80. PP - 1400#. MUD WT - 9.3. VIS - 72. WL - 6. DAILY MUD COSTS - \$670.53 CUMM MUD COSTS - \$23,230.00.
	0.75	CONN & SURVEY - 1 1/2° AT 7,499'
10/10/2013 (Day 16)	1.5	TRIP OUT FOR PRESSURE LOSS FOUND HOLE IN D. PIPE 4 JTS DN.
	23.75	DRLG 7 7/8" HOLE FROM 7,615' TO 7,724' W/ 109' OF PROG. AVG ROP - 4.5'. WOB - 10K. RPMs - 80. PP - 1450#. MUD WT - 9.2. VIS - 66. WL - 6.2. DAILY MUD COSTS - \$992.25 CUMM MUD COSTS - \$24,222.00.
	0.25	RIG SERVICE
10/11/2013 (Day 17)	23	DRLG 7 7/8" HOLE FROM 7,724' TO 7,830' W/ 106' OF PROG. AVG ROP - 4.6'. WOB - 10K. RPMs - 80. PP - 1450#. MUD WT - 9.2. VIS - 66. WL - 4.8. DAILY MUD COSTS - \$2,747.58 CUMM MUD COSTS - \$26,970.00.
	0.75	CONN & SURVEY - 1° AT 7,754'
	0.25	RIG SERVICE
10/12/2013 (Day 18)	23.75	DRLG 7 7/8" HOLE FROM 7,830' TO 7,936' W/ 106' OF PROG. AVG ROP - 4.5'. WOB - 10K. RPMs - 80. PP - 1500#. MUD WT - 9.2. VIS - 66. WL - 5.4. DAILY MUD COSTS - \$856.17 CUMM MUD COSTS - \$27,826.00.
	0.25	RIG SERVICE
	22.25	DRLG 7 7/8" HOLE FROM 7,936' TO 8,156' W/ 220' OF PROG. AVG ROP - 9.8'. WOB - 10K. RPMs - 80. PP - 1550#. MUD WT - 9.3. VIS - 68. WL - 5.4. DAILY MUD COSTS - \$710.85 CUMM MUD COSTS - \$28,537.00.
10/13/2013 (Day 19)	0.25	RIG SERVICE
	1.5	CIRC SAMPLES @ 7,984'
	11.50	DRLG 7 7/8" HOLE FROM 8,156' TO 8,214' W/ 58' OF PROG. AVG ROP - 4.9'. WOB - 10K. RPMs - 80. PP - 1550#. MUD WT - 9.3. VIS - 68. WL - 5.4. DAILY MUD COSTS - \$771.75 CUMM MUD COSTS - \$29,308.00.
10/14/2013 (Day 20)	0.25	CONN & SURVEY - DROP 1/2° AT 8,188'
	0.25	RIG SERVICE
	4.5	TOH W/ BIT #3 7 7/8" SEC FX65 W/ 3-13 JETS S/N 11694824 IN AT 7,103 OUT AT 8,188' DRILLED 1,085' IN 162 3/4 HRS AVG 6.6 FT PER HR.
	7.5	TIH W/ BIT #4 7 7/8" TERCEL F6166 W/ 6-13 JETS S/N 2505E IN AT 8,188' - 1,665 UNITS TRIP GAS MUD OUT TO 8.6 WASH & REAM THRU TIGHT SPOTS FROM 7,400' TO BTM.
10/15/2013 (Day 21)	23.75	DRLG 7 7/8" HOLE FROM 8,214' TO 8,487' W/ 273' OF PROG. AVG ROP - 11.5'. WOB - 10K. RPMs - 80. PP - 1650#. MUD WT - 9.4. VIS - 72. WL - 5. DAILY MUD COSTS - \$1,229.18 CUMM MUD COSTS - \$30,538.00.
	0.25	RIG SERVICE
	23.75	DRLG 7 7/8" HOLE FROM 8,487' TO 8,735' W/ 248' OF PROG. AVG ROP - 10.4'. WOB - 10K. RPMs - 80. PP - 1650#. MUD WT - 9.5. VIS - 82. WL - 5. DAILY MUD COSTS - \$1,044.75 CUMM MUD COSTS - \$31,582.00.
10/16/2013 (Day 22)	0.25	RIG SERVICE

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10/17/2013 (Day 23)	15.75	DRLG 7 7/8" HOLE FROM 8,735' TO 8,854' W/ 119' OF PROG. AVG ROP - 7.5'. WOB - 12K. RPMs - 80. PP - 1650#. MUD WT - 9.4. VIS - 85. WL - 5.2. DAILY MUD COSTS - \$655.62 CUMM MUD COSTS - \$32,238.00.
	0.25	RIG SERVICE
	4	CIRC & CONDITION MUD FOR SHORT TRIP TO CONDITION HOLE FOR DST.
	1	TOH TO 7,150'
	3	WORKING UP THRU TIGHT HOLE & PICK UP KELLY & WASH & REAM BK THRU TIGHT HOLE FROM 7,150' - 7,050'.
10/18/2013 (Day 24)	8	DRLG 7 7/8" HOLE FROM 8,854' TO 8,919' W/ 64' OF PROG. AVG ROP - 8'. WOB - 25K. RPMs - 75. PP - 1700#. MUD WT - 9.5. VIS - 87. WL - 5.8. DAILY MUD COSTS - \$1,753.97 CUMM MUD COSTS - \$33,992.00.
	1	FINISH REAMING TIGHT HOLE @ 7,050'.
	3.5	TOH W/ BIT #4 7 7/8" TERCELL F-6166 W/ 6-13 JETS S/N 2505E IN @ 8,188' OUT @ 8,854' DRILLED 666' IN 65 1/4 HRS AVG 10.2FT PER HR.
	2.5	CUT DRLG LINE
	3.75	TIH W/ BIT #5 7 7/8" SEC EBXS30SR W/ 3-13 JETS S/N 10864306 IN @ 8,854'.
	3	REAM TIGHT HOLE FROM 7,050' - 7,150'.
10/19/2013 (Day 25)	2.25	FINISH TRIP TO BTM
	23.75	DRLG 7 7/8" HOLE FROM 8,919' TO 9,026' W/ 107' OF PROG. AVG ROP - 4.5'. WOB - 25K. RPMs - 75. PP - 1700#. MUD WT - 9.5. VIS - 98. WL - 5.8. DAILY MUD COSTS - \$486.47 CUMM MUD COSTS - \$34,478.00.
10/20/2013 (Day 26)	0.25	RIG SERVICE
	11.5	DRLG 7 7/8" HOLE FROM 9,026' TO 9,085' TD W/ 59' OF PROG. AVG ROP - 5.1'. WOB - 25K. RPMs - 75. PP - 1700#. MUD WT - 9.5. VIS - 103. WL - 4.2. DAILY MUD COSTS - \$1,852.73 CUMM MUD COSTS - \$36,331.00.
	0.25	RIG SERVICE
	4	CIRC FOR SHORT TRIP
	1.25	10 STD SHORT TRIP
10/21/2013 (Day 27)	4	CIRC FOR TOH FOR LOGS
	3	TOH W/ BIT #5 7 7/8" SEC EBXS30SR W/ 3-13 JETS S/N 10864306 IN @ 8,854' OUT @ 9,085' DRILLED 231' IN 43 1/4 HRS AVG 5.3 PER HR. CHAIN OUT FIRST 22 STDS.
	2.25	FINISH TRIP OUT FOR LOGS
	8.5	RU WEATHERFORD WIRELINE SVCS & LOG WELL AS PER BID - DRILLERS DEPTH 9,085' LOGGERS DEPTH 9,085'.
	2.75	TIH W/ RERUN BIT #5 W/ OPEN JETS
	2	CIRC & UNLOAD & STRAP 5 1/2" CSG
	2.25	FINISH TIH
10/22/2013 (Day 28)	1	CIRC & RU TO LD DRILL PIPE
	5.25	LD DRILL PIPE
	4.75	FINISH LAY-DN DRILL PIPE & DCS & BREAK KELLY.
	9.25	RU A1 CSG CREWS & RUN 203 JTS 5 1/2" 17# L/S LT&C CSG W/ SHOE SET @ 7,807' & INSERT FLOAT SET AT 7,776' W/ CMT BSKTS AT 7,806', 7,612', 7,325', 6,984', 6,851', & 6,762' W/ CENTRALIZER IN MDL OF SHOE JT & 1 JT ABOVE EACH CMT BSKT.

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10/22/2013 (Day 28)	1	CIRC VIA 5 1/2" CSG & RD CSG CREW & RU OILWELL CMTRS.
	1	CMT 5 1/2" CSG PUMPING 10 BBL FRESH WATER AHEAD FOLLOWED BY 290 SKS CLASS A CEMENT W/ 1/4 LB PER SK FLOCELE DROP PLUG & DISPLACE W/ 180 BBL KCL WTR BUMP PLUG & FLOAT HOLDING GOOD RETURNS & LIFT WHILE CMTG.
	0.5	SET 5 1/2" CSG SLIPS
	5	CLEAN PITS
10/23/2013		RD & REL RENTAL SUPPORT EQUIPMENT. RD WINTER CREEK DRILLING RIG #3. WILL START MO OF DRILLING EQUIPMENT ON THURS 10-24-13.
10/24/2013		FINISH RD & START MO W/ AID OF DOZER.
10/31/2013		HAULING LIQUIDS OUT OF HAUL OFF PIT & SOIL FARMING. WATER STANDING AROUND WELLHEAD CALL FOR DOZER TO BACKDRAG & DRAIN WATER.
11/01/2013		MOVE DOZER TO LOC. DOZER BACKDRAG LOC & LOC ROAD. HAUL IN & SPREAD 13 LOADS 2 1/2" CR ON LOC & LOC ROAD.
11/02/2013		MI TRACKHOE & LOAD SOLIDS ON SOIL FARMING EQUIPMENT W/ DOZER CROWDING SOLIDS TO CENTER OF PIT. HAUL IN & SPREAD 6 LOADS 2 1/2" CR ON LOC & LOC ROAD W/ DOZER.
11/03/2013		TRACKHOE LOAD SOLIDS ON SOIL FARMING EQUIPMENT W/ DOZER CROWDING SOLIDS TO CENTER OF PIT.
11/04/2013		BACKHOE FILL IN RAT & MOUSE HOLES W/ SHALE. TRACKHOE LOAD SOLIDS ON SOIL FARMING EQUIPMENT W/ DOZER CROWDING SOLIDS TO CENTER OF PIT. HAUL IN & SPREAD 13 LOADS 2 1/2" CR ON LOC W/ BACKHOE. BACKDRAG LOC & LOC ROAD.
11/05/2013		DOZER BACKDRAG LOC & LOC ROAD
11/06/2013		HAUL IN & SPREAD 1 LOAD 2 1/2" CR ON LOC ROAD AT CATTLEGUARD W/ DOZER. BACKDRAG LOC & LOC ROAD.
11/07/2013		MI MAINTAINER W/ LASER TO LOC. HAUL IN & SPREAD 7 LOADS 2 1/2" CR ON LOC W/ MAINTAINER. TRACKHOE FINISH LOADING SOLIDS ON SOIL FARMING EQUIPMENT. TRACKHOE REMOVE LINER FROM PIT & FOLD IT UP. LOAD ON DUMP TRUCK & HAUL LINER TO LAND FILL. BACKHOE LOAD 6 LOADS OF SHALE ON TRUCKS AT SHALE PIT & TRUCK TO LOC. DOZER FILL HAUL OFF PIT W/ SHALE & COVER W/ ROCK.
11/08/2013		DOZER DRESS & PACK HAUL OFF PIT. DOZER BACKDRAG LOC & LOC ROAD.
11/14/2013		MI WORKOVER RIG & SPOT. REL RIG CREW.
		DOZER SPREAD ROCK AROUND WELLHEAD & LEVEL FOR PAD FOR WORKOVER RIG. DOZER BACKDRAG LOC & LOC ROAD.
11/15/2013		RU WORKOVER RIG. RU WELLHEAD & BOPS. RU FLOOR TO TIH W/ 2 3/8" TBG. MI WASHITA VALLEY TRUCKING W/ 229 JT 2 3/8" TBG. PICK UP 4 3/4" BIT 5 1/2" X 2 3/8" CSG SCRAPER TIH W/ 229 JTS AT 7,273' TOH RD BIT & SCRAPER & PLACE ON TBG RACKS. SHUT IN. REL RIG CREW.
11/18/2013		MI WIRELINE UNIT & RU. PICK UP CEMENT BOND LOG & LOG 7,743' - EST TOP OF CEMENT OF 6,125' PICK UP 3 1/8" CSG GUN & PERF @ 7,030' - 7,094' 2 SPF ALL SHOTS. RD WIRELINE UNIT & REL. RU FLOOR TO TIH W/ 2 3/8" TBG. PICK UP 5 1/2" X 2 3/8" BAKER MODEL R PACKER W/ S-N TIH W/ 218 JTS RD BOPS SET PACKER W/ 14K# IN COMPRESSION AT 6,923' & RU WELLHEAD. RU TO SWAB 2 3/8" TBG W/ TOF AT SURFACE SWAB DN TO 2,700' W/ FLUID COMING UP TO 1,700' LAST FEW SWAB RUNS W/ DRILLING MUD IN SAMPLE & SHOW OF GAS W/ 68 BBL REC. SHUT IN DUE TO NIGHT FALL. REL RIG CREW.
11/19/2013		SICP-0 & SITP-80# RU TO SWAB 2 3/8" TBG W/ TOF AT 300' FROM SURFACE W/ DRILLING MUD & SHOW OF GAS. SWAB DN TO 4,800' FROM SURFACE W/ 75 BBL W/ OIL CUT INCREASING TO 1/2% VERY SLIGHT CONSTANT BLOW OF GAS & TRACE OF DRILLING MUD. SHUT IN FOR BUILD UP. REL RIG CREW.
11/20/2013		SICP-0 & SITP-50# RU TO SWAB 2 3/8" TBG W/ TOF AT 1,200' FROM SURFACE W/ 150' FREE OIL SWAB DN TO S-N W/ 58 BBL W/ TRACE OF OIL & VERY SLIGHT CONSTANT BLOW OF GAS & TRACE OF DRILLING MUD. SHUT IN FOR BUILD UP. REL RIG CREW.

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11/21/2013		SICP-0 & SITP-50# RU TO SWAB 2 3/8" TBG W/ TOF AT 3000' FROM SF W/ SHOW OF OIL TOP OF RUN AND SHOW OF GAS AND TRUCE OF MUD. SWAB DN TO S-N W/ 18 BBLs W/ OIL CUT INCREASING TO 1% LAST SWAB RUN AND A SLIGHT CONSTANT BLOW OF GAS. MI ACID TRUCKS AND WATER TRUCK AND RU. PUMP ACID JOB AS FOLLOWS: STAGE #1 - 100 GAL 15% ACID W/ D-20 SERFAX 29 BBLs 2% KCL WATER W/ D-20 SERFAX FORMATION BROKE 1500#. STAGE #2 - 2500 GAL 15% ACID W/ D-20 SERFAX AND 100 7/8 BALL SEALERS AT 4 BPM W/ 1600# T.P. STAGE #3 - 10 BBLs 2% KCL WATER W/ D-20 SERFAX SPACER W/ 27 7/8 BALL SEALERS AT 4.5 BPM W/ 1600# T.P. STAGE #4 - 2300 GAL 15% ACID W/ D-20 SERFAX AND 100 7/8 BALL SEALERS AT 4.5 BPM W/ 1700# T.P. STAGE #5 - 35 BBLs 2@ KCL WATER W/ D-20 SERFAX FLUSH AT 4.5 BPM W/ 1800# T.P. ISITP - 500# 15 MIN. 500# LOAD TO RECOVER 195 BBLs. RD ACID TRUCKS AND RLS. RU CHOKE. OPEN ON 32/64 W/ F.T.P. DROPPING TO 0 INSTANTLY. OPEN ON 3/4 CHOKE W/ 110 BBLs RECOVERED IN 5 HRS. RU TO SWAB 2 3/8 TBG W/ TOF SF SWAB DN TO 1200' SCATTERED TO 4000' W/ TOTAL OF 160 BBLs @ 82% OF LOAD W/ SHOW OF GAS AND ACID GAS. SI DUE TO NIGHT FALL. RLS RIG CREW.
11/22/2013		SICP-0 & SITP-350# RU CHOKE & FLOWLINE OPEN ON 21/64" W/ FTP DROPPING TO 0 IN 1/4 HR W/ NO FLUID TO SURFACE. RU TO SWAB 2 3/8" TBG W/ TOF 1,200' FROM SURFACE W/ 50' FREE OIL. SWAB DN TO 5,000' FROM SURFACE SCATTERED TO S-N W/ 44 BBLs @ 9 BBLs OVER LOAD W/ TRACE OF OIL & A SLIGHT CONSTANT BLOW OF GAS W/ CHLORIDES AT 83.360 SHUT IN FOR BUILD UP. REL RIG CREW.
11/25/2013		SICP-0 & SITP-250#. RU CHOKE & FLOWLINE OPEN ON 21/64" W/ FTP DROPPING TO 0 IN 1/4 HOUR W/ NO FLUID TO SURFACE. RU TO SWAB 2 3/8" TBG W/ TOF AT 1,200' FROM SURFACE W/ 75' FREE OIL. SWAB DN TO 4,500' FROM SURFACE, SCATTERED TO S-N W/ 39 BBLs @ 48 BBLs OVER LOAD W/ TRACE OF OIL & A SLIGHT CONSTANT BLOW OF GAS AT 3 BPH W/ CHLORIDES AT 83.360 SHUT IN FOR BUILD UP. REL RIG CREW.
11/26/2013		SICP-0 & SITP-50# RU TO SWAB 2 3/8" TBG W/ TOF AT 3,200' FROM SURFACE W/ 50' FREE OIL & A SLIGHT CONSTANT BLOW OF GAS. SWAB DN TO 4,500' FROM SURFACE SCATTERED TO S-N W/ 12 BBLs @ 60 BBLs OVER LOAD W/ TRACE OF OIL & A SLIGHT CONSTANT BLOW OF GAS. RU BOPS & FLOOR TO TOH W/ 2 3/8" TBG. REL PACKER AT 6,923' TOH LAYING TBG DN ON PIPE RACKS. RD PACKER & PLACE ON PIPE RACKS RD BOPS & REL. RD WELLHEAD & FLOWLINES & PLACE ON TBG RACKS. RU 5000# FRAC VALVE & SHUT IN. RD WORKOVER RIG & REL.
12/05/2013		SHUT IN WAITING ON FRAC JOB.
12/11/2013		MI & RU EQUIPMENT ON 12-30-13 & FRAC DN 5 1/2" CSG ON THE MORNING OF 12-31-13.
12/27/2013		START MOVE IN OF FRAC TANKS FOR FRAC ON MON.
12/28/2013		FINISH MOVING IN & SPOTTING FRAC TANKS W/ 13 FRAC TANKS & 1 -ACID TANK. MOVE IN & RIG UP WATER PUMPERS & START FILLING FRAC TANKS W/ WATER.
12/29/2013		WATER PUMPERS FINISH FILLING 13 FRAC TANKS W/ WATER. THEN RIG DOWN. MOVE IN DOZER & PULL FRAC TANKS IN PLACE. DOZER BACKDRAG RUTS ON LOC & LOC ROAD. BASIC RIG MANIFOLD & FRAC EQUIPT FOR FRAC ON MON. MOVE OUT DOZER
12/30/2013		MI FRAC CREW AND RU. PUMP CSG FRAC AS FOLLOWS. STAGE #1 - 2,500 GAL 15% ACID AT 19 BPM W/ 700# C.P. STAGE #2 - 833 BBLs 2% KCL SLICK WATER AT 53 BPM W/ 1,470#. STAGE #3 - 120 BBLs GELLED 2% KCL WATER W/ 1/2#GAL OF 20/40 SAND AT 53 BPM W/ 1,300# C.P. STAGE #4 - 2,500 GAL 15% ACID AT 53 BPM W/ 1,300# C.P. STAGE #5 - 833 BBLs 2% KCL SLICK WATER AT 53 BPM W/ 1,414# C.P. STAGE #6 - 120 BBLs GELLED 2% KCL WATER W/ 1/2#GAL OF 20/40 SAND AT 53 BPM W/ 1,440# C.P. STAGE #7 - 2,500 GAL 15% ACID AT 53 BPM W/ 1,480# C.P. STAGE #8 - 833 BBLs 2% KCL SLICK WATER AT 53 BPM W/ 1,440# C.P. STAGE #9 - 120 BBLs GELLED 2% KCL WATER W/ 1/2#GAL OF 20/40 SAND AT 53 BPM W/ 1,370# C.P. STAGE #10 - 2,500 GAL 15% ACID AT 36 BPM W/ 1,130 C.P. STAGE #11 - 833 BBLs 2% KCL SLICK WATER AT 53 BPM W/ 1,500# C.P. STAGE #12 - 120 BBLs GELLED 2% KCL WATER W/ 1/2#GAL OF 20/40 SAND AT 30 BPM W/ 600# C.P. STAGE #13 - 2,500 GAL 15% ACID AT 30 BPM W/ 1,050# C.P. STAGE #14 - 833 BBLs 2% KCL SLICK WATER AT 53 BPM W/ 1,550# C.P. STAGE #15 - 120 BBLs GELLED 2% KCL WATER W/ 1#GAL OF 20/40 SAND AT 37 BPM W/ 1,200# C.P. STAGE #16 - 2,500 GAL 15% ACID AT 53 BPM W/ 1,550# C.P. STAGE #17 - 1,100 BBLs 2% KCL SLICK WATER FLUSH AT 53 BPM W/ 1,500# C.P. 18,733# 20/40 SAND 15,000 GAL 15% ACID IN PLACE. ISICP - 1,100# C.P. 5 MIN 900#. 10 MIN 875#. 15 MIN 865#. LOAD TO RECOVER 6,189 BBLs. RD FRAC TRUCKS AND RLS. MI RC AND RU CHOKE AND FLOW LINE. RC RIG UP EQUALIZER LINES TO 3 FRAC TANKS. RIG UP CHOKE ON CASING W/ FLOW LINE TO FRAC TANKS. FLOW BACK HELPER OPENED TO FRAC TANKS AT 3:00 PM ON 12/64" CHOKE W/ FCP - 820#. SHUT IN 5 HRS FOR GELS IN FRAC FLUID TO YIELD. OPEN ON 10/64" CHOKE FCP - 800# DROPPING TO 720#. RECOVERED 224 BBLs IN 11 HRS AVG 20.3 BPH W/ NO SHOW OF SAND. OPEN CHOKE TO 12/64" W/ FCP - 680# W/ 3.6% OF LOAD RECOVERED. THIS BRINGS REPORT TO 7:00 A.M. THIS MORNING.
12/31/2013		ROUSTABOUT CREW CHG CHOKE ON CSG & REPLACE GAUGE. FCP - 600# ON 14/64" CHOKE REC 294 BBLs IN LAST 24 HRS 13.3 BPH (22 HRS) W/ 518 BBLs REC @ 8% OF LOAD W/ NO SHOW OF OIL OR GAS. PRODUCED 0 BO AND 294 BLW. TOT LD REC TO DATE: 518 BLW (8%); 5671 BLW TO REC.
01/01/2014		FCP-520# ON 14/64" CHOKE REC 373 BBLs IN LAST 24 HRS 15.6 BPH W/ 891 BBLs REC @ 14% OF LOAD W/ NO SHOW OF OIL OR GAS. PRODUCED 0 BO AND 373 BLW. TOT LD REC TO DATE: 891 BLW (14%); 5298 BLW TO REC.

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Date	Hrs	Field Report
01/02/2014		FCP-360# ON 14/64" CHOKE REC 336 IN LAST 24 HRS 14 BPH W/ 1227 BBLS REC 19.8% OF LOAD W/ NO SHOWS. PRODUCED 0 BO AND 336 BLW. TOT LD REC TO DATE: 1227 BLW (20%); 4962 BLW TO REC.
01/03/2014		FCP-300# ON 14/64" CHOKE REC 547 BBLS IN LAST 24 HRS 22.8 BPH W/ 1774 BBLS REC 29% OF LOAD W/ NO SHOWS. PRODUCED 0 BO AND 547 BLW. TOT LD REC TO DATE: 1774 BLW (29%); 4415 BLW TO REC.
01/04/2014		FCP-200# ON 15/64" CHOKE REC 284 BBLS IN LAST 24 HRS 11.8 BPH W/ 2058 BBLS REC 33% OF LOAD W/ VERY SLIGHT TRACE OF OIL & NO VISABLE SHOW OF GAS. PRODUCED 0 BO AND 284 BLW. TOT LD REC TO DATE: 2058 BLW (33%); 4131 BLW TO REC.
01/05/2014		FCP-60# ON 15/64" CHOKE REC 341 BBLS IN LAST 24 HRS 14.2 BPH W/ 2399 BBLS REC 39% OF LOAD VERY SLIGHT TRACE OF OIL & NO SHOW OF GAS. PRODUCED 0 BO AND 341 BLW. TOT LD REC TO DATE: 2399 BLW (39%); 3790 BLW TO REC.
01/06/2014		FCP-0# ON 15/64" CHOKE REC 255 BBLS IN LAST 24 HRS 10.6 BPH W/ 2654 BBLS REC 43% OF LOAD W/ TRACE OF OIL & NO VISIBLE GAS. WELL WAS SURGING W/ 0 FCP OPENED CHOKE TO 48/64" & REL FLOWBACK HELPER WILL MOVE IN WORKOVER RIG ASAP. PRODUCED 0 BO AND 255 BLW. TOT LD REC TO DATE: 2654 BLW (43%); 3535 BLW TO REC.
01/07/2014		MI WORKOVER RIG & RU. SHUT DN DUE TO NIGHT FALL. REL RIG CREW.
01/08/2014		MI VACUUM TRUCK & RU TO WELLHEAD. RD 5000# FRAC VALVE & CHOKE. RU 2000# WELLHEAD & BOPS RU FLOOR TO TIH W/ 2 3/8" TBG. PICK UP 5 1/2" X 2 3/8" BAKER MODEL R PACKER W/ S-N TIH W/ 50 JTS. WELL START TO FLOW. MI PUMP TRUCK & PLACE 15 BBLS LEASE WATER DN TBG TIH W/ TOTAL OF 218 JTS RD BOPS SET PACKER W/ 12K# IN COMPRESSION AT 6,923' & RU WELLHEAD. RU TO SWAB 2 3/8" TBG W/ TOF AT 100' FROM SURFACE. SWAB DN TO 400' FROM SURFACE W/ 134 BBLS @ 45% OF LOAD. WELL START TO FLOW RU CHOKE OPEN ON 24/64" W/ FTP 25-35# AT 18 BPH W/ TRACE OF OIL & TRACE OF GAS. REL RIG CREW. PRODUCED 0 BO AND 134 BLW. TOT LD REC TO DATE: 2788 BLW (45%); 3401 BLW TO REC.
01/09/2014		FTP-0 ON 24/64" W/ 84 BBLS REC OVER NIGHT @ 46.40% OF LOAD RU TO SWAB 2 3/8" TBG W/ TOF AT SURFACE W/ TRACE OF OIL & GAS SWAB DN TO 500' FROM SURFACE W/ 222 BBLS @ 49.9% OF LOAD W/ TRACE OF OIL & A SLIGHT CONSTANT BLOW OF GAS. SHUT IN FOR BUILD UP. REL RIG CREW. PRODUCED 0 BO AND 222 BLW. TOT LD REC TO DATE: 3010 BLW (49%); 3179 BLW TO REC.
01/10/2014		SICP-0 & SITP-450#. RU CHOKE & FLOWLINE OPEN ON 21/64" W/ FTP DROPPING TO 150# IN 5 MIN W/ FLUID TO SURFACE W/ FTP DROPPING TO 0 IN 3 HARS W/ 43 BBLS REC W/ TRACE OF OIL & GAS. RU TO SWAB 2 3/8" TBG W/ TOF SURFACE SWAB DN TO 1,000' FROM SURFACE W/ 210 BBLS TOTAL SWAB & FLOW @53.89% OF LOAD W/ TRACE OF OIL & SLIGHT CONSTANT BLOW OF GAS. SHUT IN FOR BUILD UP. REL RIG CREW. PRODUCED 0 BO AND 253 BLW. TOT LD REC TO DATE: 3263 BLW (53%); 2926 BLW TO REC.
01/11/2014		SHUT WELL IN FOR WEEKEND.
01/12/2014		SHUT WELL IN FOR WEEKEND.
01/13/2014		SICP-0 & SITP-960#. RU CHOKE & FLOWLINE OPEN ON 21/64" W/ FTP DROPPING TO 500# IN 5 MIN W/ FLUID TO SURFACE W/ FTP DROPPING TO 0 IN 1 HR W/ 11 BBLS REC W/ TRACE OF OIL. RU TO SWAB 2 3/8" TBG W/ TOF AT 500' FROM SURFACE SWAB DN TO 1,200' FROM SURFACE W/ 227 BBLS @ 57.05% OF LOAD W/ OIL CUT INCREASING TO 1/2% LAST HR & A SLIGHT CONSTANT BLOW OF GAS. SHUT IN FOR BUILD UP. REL RIG CREW. PRODUCED 0 BO AND 238 BLW. TOT LD REC TO DATE: 3501 BLW (57%); 2688 BLW TO REC.
01/14/2014		SICP-0 & SITP - 500#. RU CHOKE & FLOWLINE OPEN ON 21/64" W/ FLUID TO SURFACE INSTANTLY W/ FTP DROPPING TO 0 IN 45 MIN W/ 8 BBLS OIL REC. RU TO SWAB 2 3/8" TBG W/ TOF SURFACE SCATTERED TO 700' FROM SURFACE W/ 450' FREE OIL. SWAB DN TO 1,800' FROM SURFACE W/ 216 BBLS @ 60.54% OF LOAD W/ OIL CUT INCREASING TO 1 1/2% & SLIGHT CONSTANT BLOW OF GAS W/ WATER TURN GRAY LAST HOUR. SHUT IN DUE TO NIGHT FALL. REL RIG CREW. PRODUCED 0 BO AND 216 BLW. TOT LD REC TO DATE: 3717 BLW (60%); 2472 BLW TO REC. MOVE TRACKHOE TO SHALE PIT.
01/15/2014		SICP-0 & SITP-500#. RU CHOKE & FLOWLINE OPEN ON 21/64" W/ FTP DROPPING TO 50# IN 1/2 HR W/ FLUID TO SURFACE FLOW 7 BBLS OIL IN 1 HR. RU TO SWAB TO 2 3/8" TBG W/ TOF AT 800' FROM SURFACE W/ 950' FREE OIL. SWAB DN TO 1,000' FROM SURFACE W/ 50 BBLS @ 61.35% OF LOAD W/ OIL CUT AT 2% & A SLIGHT CONSTANT BLOW OF GAS. RU BOPS & FLOOR TO TOH W/ 2 3/8" TBG REL PACKER AT 6,923' & FLOOR TO TOH W/ 2 3/8" TBG. REL PACKER AT 6,923' & TOH W/ 218 JTS PICK UP 2 7/8" NOTCH COLLAR TIH W/ 227 JTS AT 7,209' MI PUMP TRUCK & RU CIRC HOLE CLEAN W/ 100 BBLS FLOW BACK RD PUMP TRUCK & REL. TOH RD NOTCH COLLAR & PLACE ON TBG RACKS. SHUT IN REL RIG CREW. PRODUCED 0 BO AND 50 BLW. TOT LD REC TO DATE: 3767 BLW (61%); 2422 BLW TO REC. MOVE BACKHOE & DOZER TO LOC. ROUSTABOUT CREW SET POST & WELD H BRACES IN PLACE. TIE EXISTING FENCE TO H BRACES & TIGHTEN FENCE. REMOVE OLD WIRE GATE & POST. BACKHOE SET CATTLEGUARD. TRACKHOE LOAD 8 LOADS OF SHALE ON TRUCKS AT SHALE PIT & TRUCK TO LOC. DOZER SPREAD SHALE ON EACH SIDE OF CATTLEGUARD. MOVE TIN HORN FROM GATE TO LOW SPOT ON LOC ROAD & COVER W/ SHALE. BACKDRAG LOC & LOC ROAD & SPREAD CR OVER SHALE.

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Date	Hrs	Field Report
01/16/2014		RU FLOOR TO TIH W/ 2 3/8 TBG. PU 10' M-A 3' PERF SUB 2' x 1 3/4' x 16' x 18' BARREL W/ STANDING VALVE AND 6' GAS ANCHOR IN PLACE. 4 JTS. PU 5 1/2 x 2 3/8 TBG ANCHOR. TIH W/ TOTAL OF 224 JTS W/ PUMP AT 7114'. RD BOPS. SET ANCHOR W/ 10K# IN TENSION AND RU WELLHEAD. RU PUMPING TEE AND 2000# VALVES. SI. RLS RIG CREW. TRACKHOE LOAD 4 LOADS OF SHALE ON TRUCKS AT SHALE PIT & TRUCK TO LOC. DOZER SPREAD SHALE ON EACH SIDE OF CATTLEGUARD. HAUL IN & SPREAD 1 LOAD 1 1/2" CR ON SHALE AT CATTLEGUARD. DOZER BACKDRAG LOC & LOC ROAD.
01/17/2014		RU FLOOR TO TIH W/ RODS. PICK UP 1 3/4" X 4' (-8) PLUNGER MI VACUUM TRUCK TO RU TO WELLHEAD. TIH W/ 146 3/4 RODS & 138 7/8" RODS. PICK UP POLISH ROD & SPACE 18" OFF BOTTOM W/ 1 - 4' 1 - 6' 7/8 ROD SUBS LONG STROKE W/ GOOD PUMP ACTION. RD WORKOVER RIG & REL.
01/25/2014		HAUL IN & STOCKPILE 2 LOADS OF SCREENINGS.
01/26/2014		MOVE BACKHOE TO LOC & BACKDRAG LOC & LOC ROAD. START BUILDING PAD FOR PUMPING UNIT.
01/27/2014		ROUSTABOUT CREW W/ BACKHOE MOVE EXCESS PIPE TO EDGE OF LOC. ROUSTABOUT CREW RU WELLHEAD FOR PUMPING UNIT W/ VALVES & CHOKE W/ CHOKE ON CSG & BACKPRESSURE VALVE ON TBG.
01/28/2014		ROUSTABOUT CREW W/ BACKHOE FINISH BUILDING PAD FOR PUMPING UNIT & LEVEL & HAND RAKE SCREENINGS IN PLACE. PUMPING UNIT SERVICE MOVE IN & RU 1 - SHORES 320 PUMPING UNIT W/ 120' STROKE SERIAL #DPEG-2013-535 W/ 40 HP ELECTRIC MOTOR SERIAL #JD40-2752. ROUSTABOUT CREW W/ WELDER FABRICATE MOUNT ON SKID FOR CONTROL BOX. MI & RU RENTAL GENERATOR W/ ELECTRICIAN MAKING TEMPORARY TIE INTO GENERATOR. ROUSTABOUT CREW LAY FLOWLINE & TIE INTO WELLHEAD & FRAC TANK. START UNIT AT 7 SPM W/ GOOD PUMP ACTION. SHUT DN UNIT & BALANCE AS NEEDED. START UNIT. ROUSTABOUT CREW BUILD FENCE AROUND PUMPING UNIT USING TEE POST & CATTLE PANELS. PICK UP TRASH & LOAD ON TRAILER & HAUL OFF SITE.
01/29/2014		REC 188 BBLs OF LOAD WATER IN LAST 24 HRS W/ NO SHOW OF OIL OR GAS W/ 0 CP. PRODUCED 0 BO AND 188 BLW. TOT LD REC TO DATE: 3955 BLW (64%); 2234 BLW TO REC.
01/30/2014		PRODUCED 0 BO AND 198 BLW. TOT LD REC TO DATE: 4153 BLW (67%); 2036 BLW TO REC.
01/31/2014		PRODUCED 0 BO AND 107 BLW. TOT LD REC TO DATE: 4260 BLW (69%); 1929 BLW TO REC.
02/01/2014		PRODUCED 0 BO AND 115 BLW. TOT LD REC TO DATE: 4375 BLW (71%); 1814 BLW TO REC.
02/02/2014		PRODUCED 0 BO AND 149 BLW. TOT LD REC TO DATE: 4524 BLW (73%); 1665 BLW TO REC.
02/03/2014		PRODUCED 0 BO AND 162 BLW. TOT LD REC TO DATE: 4686 BLW (76%); 1503 BLW TO REC.
02/04/2014		PRODUCED 0 BO AND 180 BLW. TOT LD REC TO DATE: 4866 BLW (79%); 1323 BLW TO REC. SHUT DN DUE TO WEATHER - NO TRUCKS TO HAUL WATER.
02/05/2014		PRODUCED 0 BO AND 81 BLW. TOT LD REC TO DATE: 4947 BLW (80%); 1242 BLW TO REC.
02/06/2014		PRODUCED 0 BO AND 164 BLW. TOT LD REC TO DATE: 5111 BLW (83%); 1078 BLW TO REC.
02/07/2014		PRODUCED 0 BO AND 6 BLW. TOT LD REC TO DATE: 5117 BLW (83%); 1072 BLW TO REC. GENERATOR WAS DOWN.
02/08/2014		PRODUCED 0 BO AND 97 BLW. TOT LD REC TO DATE: 5214 BLW (84%); 975 BLW TO REC.
02/09/2014		PRODUCED 0 BO AND 137 BLW. TOT LD REC TO DATE: 5351 BLW (86%); 838 BLW TO REC.
02/10/2014		PRODUCED 0 BO AND 115 BLW. TOT LD REC TO DATE: 5466 BLW (88%); 723 BLW TO REC.
02/11/2014		PRODUCED 0 BO AND 92 BLW. TOT LD REC TO DATE: 5558 BLW (90%); 631 BLW TO REC.
02/12/2014		PRODUCED 0 BO AND 170 BLW. TOT LD REC TO DATE: 5728 BLW (93%); 461 BLW TO REC.
02/13/2014		PRODUCED 0 BO AND 50 BLW. TOT LD REC TO DATE: 5778 BLW (93%); 411 BLW TO REC.
02/14/2014		PRODUCED 0 BO AND 50 BLW. TOT LD REC TO DATE: 5828 BLW (94%); 361 BLW TO REC.
02/15/2014		PRODUCED 0 BO AND 115 BLW. TOT LD REC TO DATE: 5943 BLW (96%); 246 BLW TO REC.

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02/16/2014		PRODUCED 0 BO AND 45 BLW. TOT LD REC TO DATE: 5988 BLW (97%); 201 BLW TO REC.
02/17/2014		PRODUCED 0 BO AND 35 BLW. TOT LD REC TO DATE: 6023 BLW (97%); 166 BLW TO REC.
02/18/2014		PRODUCED 0 BO AND 65 BLW. TOT LD REC TO DATE: 6088 BLW (98%); 101 BLW TO REC.
02/19/2014		PRODUCED 0 BO AND 35 BLW. TOT LD REC TO DATE: 6123 BLW (99%); 66 BLW TO REC.
02/20/2014		PRODUCED 0 BO AND 16 BLW. TOT LD REC TO DATE: 6139 BLW (99%); 50 BLW TO REC.
02/21/2014		PRODUCED 0 BO AND 39 BLW. TOT LD REC TO DATE: 6178 BLW (99%); 11 BLW TO REC.
02/22/2014		PRODUCED 0 BO AND 27 BLW. TOT LD REC TO DATE: 6205 BLW (100%); 0 BLW TO REC.
02/23/2014		PRODUCED 0 BO AND 32 BLW.
02/24/2014		PRODUCED 0 BO AND 36 BLW.
02/25/2014		PRODUCED 0 BO AND 27 BLW.
02/26/2014		PRODUCED 0 BO AND 27 BLW.
02/27/2014		PRODUCED 0 BO AND 26 BLW.
02/28/2014		PRODUCED 0 BO AND 25 BLW.
03/01/2014		PRODUCED 0 BO AND 26 BLW.
03/02/2014		PRODUCED 0 BO AND 26 BLW.
03/03/2014		PRODUCED 0 BO AND 10 BLW.
03/04/2014		PRODUCED 0 BO AND 26 BLW.
03/05/2014		PRODUCED 0 BO AND 28 BLW.
03/06/2014		MI WORKORVER RIG & RU. RU FLOOR TO TOH W/ RODS. SCREW INTO STANDING VALVE & UNSEAT TOH W/ 147 3/4" RODS & 137 7/8" RODS. RU BOPS & FLOOR TO TOH W/ 2 3/8" TBG. REL ANCHOR TOH W/ 224 JTS RD ANCHOR BARREL & M-A & PLACE ON TBG RACKS. SHUT IN. REL RIG CREW. PRODUCED 0 BO AND 16 BLW.
03/07/2014		SICP-20#. RU FLOOR TO TIH W/ 2 3/8" TBG. PICK UP 5 1/2" X 2 3/8" BAKER MODEL R PACKER W/ S-N TIH W/ 218 JTS SET PACKER W/ 12K# IN COMPRESSION @ 6,923' RU TO SWAB 2 3/8" TBG W/ TOF 6,830' FROM SURFACE. SWAB DN TO 6,850' SCATTERED TO S-N W/ 3 BBLS OIL REC IN 3 HRS & TRACE OF GAS. SHUT IN FOR BUILD UP. REL RIG CREW.
03/10/2014		SICP-0 & SITP-475#. RU CHOKE & FLOWLINE OPEN ON 24/64" W/ FTP DROPPING TO 0 IN 1/2 HR W/ NO FLUID TO SURFACE. RU TO SWAB 2 3/8" TBG W/ TOF 4,800' SCATTERED TO S-N W/ 1 BBL OIL REC W/ SLIGHT CONSTANT BLOW OF GAS. MI ACID TRUCK & WATER TRUCK & RU ON TBG PUMP TREATMENT AS FOLLOWS: STAGE #1 - 500 GAL 7 1/2% ACID W/ D-20 SERFAX & CCA CLAY STAY & 65 7/8 BALL SEALERS AT 3 BPM W/ 0 TP. STAGE #2 - 20 BBLS 2% KCL WATER W/ D-20 SERFAX AT 5 BPM W/ 300# TP. STAGE #3 - 500 GAL 7 1/2% ACID W/ D-20 SERFAX & CCA CLAY STAY W/ 65 7/8 BALL SEALERS AT 5 BPM W/ 300# TP. STAGE #4 - 20 BBLS 2% KCL W/ D-20 SERFAX AT 5 BPM W/ 700# TP. STAGE #5 - 500 GAL 7 1/2% ACID W/ D-20 SERFAX & CCA CLAY STAY W/ 70 7/8 BALL SEALERS AT 5 BPM W/ 1000# TP. STAGE #6 - 115 BBLS 2% KCL WATER W/ D-20 SERFAX & CCA CLAY STAY FLUSH AT 5 BPM W/ 1250# TP. ISITP-50# 5 MIN VACUUM. LOAD TO REC 188 BBLS. RD ACID TRUCK & REL. RU TO SWAB 2 3/8" TBG W/ TOF 300' FROM SURFACE. SWAB DN TO 4,400' FROM SURFACE W/ 80 BBLS @ 42.5% OF LOAD W/ OIL CUT INCREASING TO 2% TOP OF RUN & 1% BOTTOM OF SWAB RUN & VERY SLIGHT TRACE OF GAS. SHUT IN FOR BUILD UP. REL RIG CREW.

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03/11/2014		SICP-0 & SITP-50#. RU TO SWAB 2 3/8" TBG W/ TOF AT 4,000' FROM SURFACE W/ 50' FREE OIL & TRACE OF GAS. SWAB DN TO 5,000' FROM SURFACE SCATTERED TO S-N W/ 24 BBLS @ 55.3% OF LOAD W/ OIL CUT 2% AND A SLIGHT CONSTANT BLOW OF GAS. RU FLOOR TO TOH W/ 2 3/8" TBG. REL PACKER @ 6,923' & TOH RD PACKER & PLACE ON TBG RACKS. PICK UP 10' M-A 3' PERF SUB SUB 2" X 1 3/4" X 16' X 18' BARREL W/ STANDING VALVE & 6' GAS ANCHOR IN PLACE. 4 JTS PICK UP 5 1/2" X 2 3/8" TBG ANCHOR TIH W/ TOTAL OF 224 JTS W/ TOP OF PUMP @ 7,117' RD BOPS SET ANCHOR W/ 10K# IN TENSION & RU WELLHEAD. RU FLOOR TO TIH W/ RODS. PICK UP 1 3/4" X 4' PLUNGER (-8) TIH W/ 137 7/8" RODS & 147 3/4" RODS. PICK UP POLISH ROD & SPACE 18" OFF BOTTOM. MI LOAD TRUCK & LOAD HOLE W/ 18 BBLS LEASE WATER & TEST TBG TO 500#. START UNIT W/ GOOD PUMP ACTION. REL RIG CREW.
03/12/2014		CHECK WELL W/ GOOD PUMP ACTION. RD WORKOVER RIG & REL.
03/14/2014		PRODUCED 0 BO AND 39 BLW.
03/15/2014		PRODUCED 0 BO AND 37 BLW.
03/16/2014		PRODUCED 0 BO AND 59 BLW, 20% OIL CUT.
03/17/2014		PRODUCED 0 BO AND 22 BLW, 20% OIL CUT.
03/18/2014		PRODUCED 0 BO AND 28 BLW, 20% OIL CUT.
03/19/2014		PRODUCED 0 BO AND 33 BLW, 20% OIL CUT.
03/20/2014		PRODUCED 0 BO AND 21 BLW, 20% OIL CUT.
03/21/2014		PRODUCED 0 BO AND 5 BLW, 20% OIL CUT. GENERATOR WENT DN.
03/22/2014		PRODUCED 0 BO AND 44 BLW, 20% OIL CUT.
03/23/2014		PRODUCED 0 BO AND 22 BLW, 20% OIL CUT.
03/24/2014		PRODUCED 0 BO AND 28 BLW, 20% OIL CUT.
03/25/2014		PRODUCED 0 BO AND 15 BLW, 20% OIL CUT.
03/26/2014		PRODUCED 0 BO AND 27 BLW, 20% OIL CUT.
03/27/2014		PRODUCED 0 BO AND 27 BLW, 20% OIL CUT.
03/28/2014		PRODUCED 0 BO AND 27 BLW, 20% OIL CUT.
03/29/2014		PRODUCED 0 BO AND 11 BLW, 20% OIL CUT.
03/30/2014		PRODUCED 0 BO AND 17 BLW, 20% OIL CUT.
03/31/2014		PRODUCED 0 BO AND 10 BLW, 20% OIL CUT.
04/01/2014		PRODUCED 0 BO AND 16 BLW, 20% OIL CUT.
04/02/2014		PRODUCED 0 BO AND 27 BLW, 20% OIL CUT.
04/03/2014		PRODUCED 0 BO AND 11 BLW, 20% OIL CUT.
04/04/2014		PRODUCED 0 BO AND 17 BLW, 20% OIL CUT.
04/05/2014		PRODUCED 0 BO AND 6 BLW, 20% OIL CUT.
04/06/2014		PRODUCED 0 BO AND 10 BLW, 20% OIL CUT.
04/07/2014		PRODUCED 0 BO AND 12 BLW, 20% OIL CUT.

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Date	Hrs	Field Report
04/08/2014		PRODUCED 0 BO AND 17 BLW, 20% OIL CUT.
04/09/2014		PRODUCED 0 BO AND 17 BLW, 20% OIL CUT.
04/10/2014		PRODUCED 0 BO AND 16 BLW, 20% OIL CUT.
04/11/2014		PRODUCED 0 BO AND 6 BLW, 20% OIL CUT.
04/12/2014		PRODUCED 0 BO AND 10 BLW, 20% OIL CUT.
04/13/2014		PRODUCED 0 BO AND 10 BLW, 20% OIL CUT.
04/14/2014		PRODUCED 0 BO AND 23 BLW, 20% OIL CUT.
04/15/2014		PRODUCED 0 BO AND 10 BLW, 20% OIL CUT.
04/16/2014		PRODUCED 0 BO AND 11 BLW, 20% OIL CUT.
04/17/2014		PRODUCED 0 BO AND 10 BLW, 20% OIL CUT.
04/18/2014		PRODUCED 0 BO AND 17 BLW, 20% OIL CUT.
04/19/2014		PRODUCED 0 BO AND 10 BLW, 20% OIL CUT.
04/20/2014		PRODUCED 0 BO AND 11 BLW, 20% OIL CUT.
04/21/2014		PRODUCED 0 BO AND 10 BLW, 20% OIL CUT.
04/22/2014		PRODUCED 0 BO AND 10 BLW, 20% OIL CUT.
04/23/2014		PRODUCED 0 BO AND 10 BLW, 20% OIL CUT.
04/24/2014		PRODUCED 0 BO AND 10 BLW, 20% OIL CUT.
04/25/2014		MI & RU WORKOVER RIG. PRODUCED 0 BO AND 7 BLW, 20% OIL CUT.
04/26/2014		PRODUCED 0 BO AND 10 BLW, 20% OIL CUT.
04/27/2014		PRODUCED 0 BO AND 12 BLW, 20% OIL CUT.
04/28/2014		RU FLOOR TO TOH W/ RODS. SCREW INTO STANDING VALVE & UNSEAT. TOH LAYING RODS DN ON ROD RACKS. RU SWAB & WORK DN TO 2,500'. RU BOPS & FLOOR TO TOH W/ 2 3/8" TBG. REL ANCHOR & TOH LAYING DN TBG. RD ANCHOR & M-A & PLACE ON TBG RACKS. RD WELLHEAD & RU 5000# FRAC VALVE SHUT IN RD WORKOVER RIG & REL. PRODUCED 0 BO AND 10 BLW, 20% OIL CUT.
04/29/2014		PRODUCED 0 BO AND 10 BLW, 20% OIL CUT.
04/30/2014		MI & SET 21 FRAC TANKS & 1 ACID TANK IN PLACE. RU WATER PUMPERS & START FILLING TANKS. WILL FINISH MI OF FRAC TANKS ON THURSDAY FOR TOTAL OF 30 FRAC TANKS.
05/01/2014		MI & SET 10 FRAC TANKS FOR TOTAL OF 30 FRAC TANKS TANKS & 1 ACID TANK. WATER PUMPERS FILL ALL 30 FRAC TANKS. RD & REL WATER PUMPERS. WILL FRAC ON SAT MORNING.
05/02/2014		MI & RU FRAC EQUIPMENT & PREPARE FOR FRAC ON SATURDAY 05-03.
05/03/2014		ROUSTABOUT CREW RU CHOKE & FLOWLINE TO FRAC TANKS. ROUSTABOUT CREW RU LINES TO EQUALIZE 3 FRAC TANKS & TURN OVER TO FLOWBACK HELPER. SICP-1000# OPEN ON 12/64" CHOKE.

Ranken Energy Corporation

Gateway #1-7

Drilling/Completion Report

Report Period: 07/01/2013 to 09/16/2014

Date	Hrs	Field Report
05/03/2014		<p>MI FRAC TRUCKS & RU. PUMP CSG FRAC AS FOLLOWS: STAGE #1 - 5,000 GAL 15% ACID AT 25 BPM ON VACUUM. STAGE #2 - 500 BBLS SLICK WATER PAD AT 85 BPM W/ 2600# CP. STAGE #3 - 482 BBLS SLICK WATER W/ 1/4#/GAL OF 20/40 SAND AT 80.5 BPM W/ 3200# CP. STAGE #4 - 487 BBLS SLICK WATER W/ 1/2#/GAL OF 20/40 SAND AT 89.6 BPM W/ 3145# CP. STAGE #5 - 492 BBLS SLICK WATER W/ 3/4#/GAL OF 20/40 SAND AT 89.5 BPM W/ 2900# CP. STAGE #6 - 498 BBLS SLICK WATER W/ 1#/GAL OF 20/40 SAND AT 89.9 BPM W/ 2950# CP. STAGE #7 - 503 BBLS SLICK WATER W/ 1 1/4#/GAL OF 20/40 SAND AT 90 BPM W/ 2560# CP. STAGE #8 - 250 BBLS SLICK WATER W/ 20 7/8" BALL SEALERS AT 23 BPM W/ 1100# CP. STAGE #9 - 5000 GAL 15% ACID AT 23.5 BPM W/ 1050# CP. STAGE #10 - 500 BBLS SLICK WATER W/ 1/4#/GAL OF 20/40 SAND AT 93.6 BPM W/ 3225# CP. STAGE #12 - 487 BBLS SLICK WATER W/ 1/2#/GAL OF 20/40 SAND AT 93.8 BPM W/ 3270# CP. STAGE #13 - 476 BPM W/ 3/4#/GAL OF 20/40 SAND AT 94 BPM W/ 3270# CP. STAGE #14 - 476 BBLS SLICK WATER W/ 1#/GAL OF 20/40 SAND AT 94 BPM W/ 3170# CP. STAGE #15 - 476 BPM W/ 1 1/4#/GAL OF 20/40 SAND AT 94 BPM W/ 3250# CP. STAGE #16 - 250 BBLS SLICK WATER W/ 20 7/8" BALL SEALERS AT 94 BPM W/ 3430# CP. STAGE #17 - 5,000 GAL 15% ACID AT 24 BPM W/ 1050# CP. STAGE #19 - 476 BBLS SLICK WATER W/ 1/4#/GAL OF 20/40 SAND AT 94 BPM W/ 3325# CP. STAGE #20 - 476 BBLS SLICK WATER W/ 1/2#/GAL OF 20/40 SAND AT 94 BPM W/ 3330# CP. STAGE #21 - 476 BBLS SLICK WATER W/ 3/4#/GAL OF 20/40 SAND AT 91 BPM W/ 3310# CP. STAGE #22 - 476 BBLS SLICK WATER W/ 1#/GAL OF 20/40 SAND AT 94 BPM W/ 3290# CP. STAGE #23 - 176 BBLS SLICK WATER W/ 1 1/4#/GAL OF 20/40 SAND AT 94 BPM W/ 3280# CP. STAGE #24 - 250 BBLS SLICK WATER PAD W/ 20 7/8" BALL SEALERS AT 94 BPM W/ 3300# CP. STAGE #25 - 5,000 GAL 15% ACID AT 22 BPM W/ 1011# CP. STAGE #26 - 500 BBLS SLICK WATER PAD AT 93 BPM W/ 3025# CP. STAGE #27 - 476 BBLS SLICK WATER W/ 1/4#/GAL OF 20/40 SAND AT 93 BPM W/ 3900# CP. STAGE #28 - 100 BBLS SLICK WATER PAD AT 93 BPM W/ 3177# CP. STAGE #29 - 437 BBLS SLICK WATER W/ 1/4#/GAL OF 20/40 SAND AT 93 BPM W/ 3177# CP. STAGE #30 - 238 BBLS SLICK WATER W/ 1/2#/GAL OF 20/40 SAND AT 93 BPM W/ 3090# CP. STAGE #31 - 190 BBLS SLICK WATER W/ 3/4#/GAL OF 20/40 SAND AT 93 BPM W/ 3100# CP. STAGE #32 - 140 BBLS SLICK WATER W/ 1#/GAL OF 20/40 SAND AT 93 BPM W/ 3098# CP. STAGE #33 - 1371 BBLS SLICK WATER FLUSH AT 50 BPM W/ 2800# CP. 264,862# 20/40 SAND 20,000 GAL 15% ACID IN PLACE ISICP-1050#, 5 MIN 930#, 10 MIN 910#, 15 MIN 895#. AVG INJ RATE 93 BPM W/ AVG TRT PRESS 3200# LOAD TO REC 13,501 BBLS RD FRAC TRUCKS & REL. MI ROUSTABOUT CREW & RU FLOWLINE & CHOKE. MI FLOWHAND OPEN ON 12/64 W/ FCP 1000#.</p>
05/04/2014		FCP-800# CHANGE FROM 12/64" TO 14/64" REC 353 BBLS IN 14 HRS W/ @ 2.6% REC W/ NO SHOW.
05/05/2014		FCP-700# ON 14/64" CHOKE REC 587 BBLS IN 24 HRS FOR TOTAL OF 940 BBLS @ 6.9% OF LOAD W/ NO SHOWS W/ FLOWBACK HELPER ON LOC.
05/06/2014		FCP-500# ON 14/64" CHOKE REC 465 BBLS IN LAST 24 HRS FOR TOTAL OF 1405 BBLS @ 10.4% OF LOAD W/ NO SHOWS W/ FLOWBACK HELPER ON LOC.
05/07/2014		FCP-500# OPEN CHOKE TO 16/64" CHOKE REC 398 BBLS IN LAST 24 HRS FOR TOTAL OF 1803 BBLS @ 13.3% OF LOAD W/ NO SHOW W/ FLOWBACK HELPER ON LOC.
05/08/2014		FCP-400# ON 16/64" CHOKE REC 584 BBLS IN LAST 24 HRS FOR TOTAL OF 2387 BBLS @ 17.6% OF LOAD W/ NO SHOW W/ FLOWBACK HELPER ON LOC.
05/09/2014		FCP-400# ON 16/64" CHOKE REC 542 BBLS IN LAST 24 HRS FOR TOTAL OF 2929 BBLS @ 21.6% OF LOAD W/ NO SHOW W/ FLOWBACK HELPER ON LOC.
05/10/2014		FCP-300# ON 16/64" CHOKE REC 847 BBLS IN LAST 24 HRS FOR TOTAL OF 3776 BBLS @ 28% OF LOAD W/ NO SHOWS W/ FLOWBACK HELPER ON LOC.
05/11/2014		FCP-200# ON 16/64" CHOKE REC 729 BBLS IN LAST 24 HRS FOR TOTAL OF 4505 BBLS @ 33.3% OF LOAD W/ NO SHOWS W/ FLOWBACK HELPER ON LOC.
05/12/2014		FCP-100# OPEN CHOKE FROM 16/64" TO 20/64" CHOKE REC 495 BBLS IN LAST 24 HRS FOR TOTAL OF 5,000 BBLS @ 37% OF LOAD W/ NO SHOWS W/ FLOWBACK HELPER ON LOC.
05/13/2014		FCP-20# ON 20/64" CHOKE REC 424 BBLS IN LAST 24 HRS FOR TOTAL OF 5,424 BBLS @ 40% OF LOAD W/ NO SHOWS. OPEN CHOKE TO 30/64".
05/14/2014		FCP-15# ON 30/64" CHOKE RECOVERED 609 BBL IN LAST 24 HRS FOR TOTAL OF 6033 BBLS @ 44.6% OF LOAD W/ NO SHOW. OPEN CHOKE TO 43/64"
05/15/2014		FCP-5/15 ON 43/64" CHOKE RECOVERED 609 BBLS IN LAST 24 HOURS FOR TOTAL OF 6642 @ 49.1% OF LOAD W/NO SHOW. ROUSTABOUT CREW BUILD FENCE AROUND WELLHEAD AND SEPARATOR.
05/16/2014		FCP-0-10# 43/64" CHOKE MADE 189 BARRELS IN LAST 24 HRS FOR A TOTAL OF 6831 BARRELS @ 50.5% OF LOAD W/ VERY SLIGHT TRACE OF OIL.
05/17/2014		FCP-0-15# ON 43/64" CHOKE MADE 237 BBLS IN LAST 24 HRS FOR TOTAL OF 7068 BARRELS @ 52.3% OF LOAD W/ VERY SLIGHT TRACE OF OIL & GAS.
05/18/2014		FCP-0-5# ON 43/64" CHOKE MADE 121 BARRELS IN LAST 24 HRS FOR TOTAL OF 7189 BARRELS @ 54% OF LOAD W/ VERY SLIGHT TRACE OF OIL & GAS.
05/19/2014		FLOWING CASING PRESSURE - 0 ON 43/64" CHOKE MADE 41 BARRELS IN LAST 24 HOURS FOR TOTAL OF 7109 BARRELS AT 54% OF LOAD VERY SLIGHT TRACE OF OIL & GAS. LEAVE OPEN TO FRAC TANK WHILE WAITING ON WORKOVER RIG.
05/20/2014		MOVE IN WORK OVER RIG AND RIG UP. RIG DOWN 5,000# FRAC VALVE AND RIG UP WELLHEAD AND BLOWOUT PREVENTERS. SHUT IN. RELEASE RIG CREW.

Ranken Energy Corporation
Gateway #1-7

Drilling/Completion Report

Report Period: 07/01/2013 to 09/16/2014

Date	Hrs	Field Report
05/21/2014		RU FLOOR TO TIH W/ 2 3/8" TBG PICK UP 5 1/2" X 2 3/8" BAKER MODEL R PACKER W/ S-N TIH W/ 218 JTS RD BOPS & SET PACKER W/ 12K# IN COMPRESSION @ 6,923' & RU WELLHEAD W/ VACUUM TRUCK ON LOCATION. RU TO SWAB 2 3/8" TBG W/ TOF AT SURFACE. SWAB DN TO 100' FROM SURFACE W/ 101 BBLS W/ NO SHOW OF OIL OR GAS. SHUT IN FOR BUILD UP REL RIG CREW. PRODUCED 0 BO AND 101 BLW. TOT LD REC TO DATE: 7,331 BLW (54%); 6,170 BLW TO REC.
05/22/2014		SICP-0 & SITP-20#. RU TO SWAB 2 3/8" TBG W/ TOF AT 100' FROM SURFACE. SWAB 80 BBLS W/ FLUID AT 100' FROM SURFACE W/ TRACE OF GAS. RU FLOOR TO TIH W/ 2 3/8" TBG. REL PACKER @ 6,923' TIH TO 7,180' W/ NO FILL TOH RD PACKER & PLACE ON TBG RACKS. PICK UP 10' M-A, 3' PERF SUB, 2" X 1 3/4" X 16' X 8' BARREL, 1 JT. PICK UP 5 1/2" X 2 3/8" TBG ANCHOR TIH W/ TOTAL OF 218 JTS W/ BARREL AT 6,923'. RD BOPS SET ANCHOR W/ 10K# IN TENSION AND RU WELLHEAD. RU PUMPING TEE & FLOWLINE. REL RIG CREW. PRODUCED 0 BO AND 80 BLW. TOT LD REC TO DATE: 7,411 BLW (55%); 6,090 BLW TO REC.
05/23/2014		SICP-0 & SITP-0. RU FLOOR TO TIH W/ RODS. PICK UP 2" X 1 3/4" X 4' (-8) PLUNGER MI VACUUM TRUCK & RU. TIH W/ 147 3/4" RODS & 130 7/8" RODS. PICK UP POLISH ROD & SPACE 18" OFF BOTTOM W/ 3 - 4' & 1 - 6' 7/8" ROD SUBS START UNIT W/ GOOD PUMP ACTION. RD WORKOVER RIG & REL.
05/24/2014		PRODUCED 0 BO AND 287.53 BLW. TOT LD REC TO DATE: 7,698.53 BLW (57%); 5,802 BLW TO REC.
05/25/2014		PRODUCED 0 BO AND 222.42 BLW. TOT LD REC TO DATE: 7,920.95 BLW (59%); 5,580 BLW TO REC.
05/26/2014		PRODUCED 0 BO AND 249.95 BLW. TOT LD REC TO DATE: 8,170.9 BLW (61%); 5,330 BLW TO REC.
05/27/2014		PRODUCED 0 BO AND 246.11 BLW. TOT LD REC TO DATE: 8,417.01 BLW (62%); 5,084 BLW TO REC.
05/28/2014		PRODUCED 0 BO AND 344.91 BLW. TOT LD REC TO DATE: 8,761.92 BLW (65%); 4,739 BLW TO REC.
05/29/2014		PRODUCED 0 BO AND 321.72 BLW. TOT LD REC TO DATE: 9,083.64 BLW (67%); 4,417 BLW TO REC.
05/30/2014		PRODUCED 0 BO AND 175.75 BLW. TOT LD REC TO DATE: 9,259.39 BLW (69%); 4,242 BLW TO REC.
05/31/2014		PRODUCED 0 BO AND 308.66 BLW. TOT LD REC TO DATE: 9,568.05 BLW (71%); 3,933 BLW TO REC.
06/01/2014		PRODUCED 0 BO AND 155.89 BLW. TOT LD REC TO DATE: 9,723.94 BLW (72%); 3,777 BLW TO REC.
06/02/2014		PRODUCED 0 BO AND 272.92 BLW. TOT LD REC TO DATE: 9,996.86 BLW (74%); 3,504 BLW TO REC.
06/03/2014		PRODUCED 0 BO AND 149.32 BLW. TOT LD REC TO DATE: 10,146.18 BLW (75%); 3,355 BLW TO REC.
06/04/2014		PRODUCED 0 BO AND 370.23 BLW. TOT LD REC TO DATE: 10,516.41 BLW (78%); 2,985 BLW TO REC.
06/05/2014		PRODUCED 0 BO AND 42.77 BLW. TOT LD REC TO DATE: 10,559.18 BLW (78%); 2,942 BLW TO REC.
06/06/2014		PRODUCED 0 BO AND 308.96 BLW. TOT LD REC TO DATE: 10,868.14 BLW (80%); 2,633 BLW TO REC.
06/07/2014		PRODUCED 0 BO AND 155.43 BLW. TOT LD REC TO DATE: 11,023.57 BLW (82%); 2,477 BLW TO REC.
06/08/2014		PRODUCED 0 BO AND 236.66 BLW. TOT LD REC TO DATE: 11,260.23 BLW (83%); 2,241 BLW TO REC.
06/09/2014		PRODUCED 0 BO AND 139.02 BLW. TOT LD REC TO DATE: 11,399.25 BLW (84%); 2,102 BLW TO REC.
06/10/2014		PRODUCED 0 BO AND 134.05 BLW. TOT LD REC TO DATE: 11,533.3 BLW (85%); 1,968 BLW TO REC.
06/11/2014		ROUSTABOUT CREW PICK UP & DELIVER FITTINGS TO LOC. ROUSTABOUT CREW REPLACE DAMAGED BACK PRESSURE VALVE ON WELLHEAD. REPLACE STUFFING BOX RUBBERS. PRODUCED 0 BO AND 193.63 BLW. TOT LD REC TO DATE: 11,726.93 BLW (87%); 1,774 BLW TO REC.
06/12/2014		PRODUCED 0 BO AND 109.23 BLW. TOT LD REC TO DATE: 11,836.16 BLW (88%); 1,665 BLW TO REC.
06/13/2014		PRODUCED 0 BO AND 180.72 BLW. TOT LD REC TO DATE: 12,016.88 BLW (89%); 1,484 BLW TO REC.

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Drilling/Completion Report

Report Period: 07/01/2013 to 09/16/2014

Date	Hrs	Field Report
06/14/2014		PRODUCED 0 BO AND 81.13 BLW. TOT LD REC TO DATE: 12,098.01 BLW (88%); 1,403 BLW TO REC. ROUSTABOUT CREW W/ BACKHOE REMOVE TEE POST ALONG LOC ROAD & AROUND LOC. LOAD ON TRAILER & HAUL TO YARD.
06/15/2014		PRODUCED 0 BO AND 320.98 BLW. TOT LD REC TO DATE: 12,418.99 BLW (92%); 1,082 BLW TO REC.
06/16/2014		PRODUCED 0 BO AND 146.16 BLW. TOT LD REC TO DATE: 12,565.15 BLW (93%); 936 BLW TO REC.
06/17/2014		MI WORKOVER RIG & RU. RU FLOOR TO TOH W/ RODS. SCREW INTO STANDING VALVE & UNSEAT. TOH W/ 132 7/8" & 144 3/4" RODS. RD PLUNGER & PLACE ON ROD RACKS. RU BOPS & FLOOR TO TIH W/ 2 3/8" TBG. REL ANCHOR TIH W/ 8 JTS TO 7,180' W/ NO FILL TOH RD ANCHOR BARREL & M-A. SHUT IN REL RIG CREW. PRODUCED 0 BO AND 132.99 BLW. TOT LD REC TO DATE: 12,698.14 BLW (93%); 803 BLW TO REC W/ 10% OC.
06/18/2014		SICP-75# RU FLOOR TO TIH W/ 2 3/8" TBG. PICK UP 10' M-A 3' PERF SUB 2" X 1 3/4" X 16' X 18' BARREL W/ STANDING VALVE & 6' GAS ANCHOR IN PLACE 4 JTS PICK UP 5 1/2" X 2 3/8" TBG ANCHOR TIH W/ TOTAL OF 224 JTS RD BOPS & SET ANCHOR W/ 10K# IN TENSION & RU WELLHEAD. RU FLOOR TO TIH W/ RODS PICK UP 1 3/4" X 4' PLUNGER (-8) TIH W/ 140 7/8" RODS & 144 3/4" RODS. PICK UP POLISH ROD & SPACE 18" OFF BOTTOM W/ 4' - 8' 7/8" SUBS. MI LOAD TRUCK & RU LOAD TBG W/ 10 BBLS LEASE WATER & TEST TBG TO 500#. START UNIT W/ GOOD PUMP ACTION. REL RIG CREW.
06/19/2014		PRODUCED 0 BO AND 98.22 BLW. TOT LD REC TO DATE: 12,796.36 BLW (95%); 705 BLW TO REC W/ 10% OC. CHECK WELL W/ 107 BBLS REC OVERNIGHT. RD WORKOVER RIG & REL.
06/20/2014		PRODUCED 0 BO AND 169.1 BLW. TOT LD REC TO DATE: 12,965.46 BLW (96%); 536 BLW TO REC W/ 10% OC.
06/21/2014		PRODUCED 0 BO AND 146.36 BLW. TOT LD REC TO DATE: 13,111.82 BLW (97%); 389 BLW TO REC W/ 10% OC.
06/22/2014		PRODUCED 0 BO AND 152.04 BLW. TOT LD REC TO DATE: 13,263.86 BLW (98%); 237 BLW TO REC W/ 10% OC.
06/23/2014		PRODUCED 0 BO AND 109.23 BLW. TOT LD REC TO DATE: 13,373.09 BLW (99%); 128 BLW TO REC W/ 10% OC.
06/24/2014		PRODUCED 0 BO AND 71.01 BLW. TOT LD REC TO DATE: 13,444.1 BLW (100%); 0 BLW TO REC W/ 10% OC.
06/25/2014		PRODUCED 0 BO AND 247.67 BLW W/ 10% OC.
06/26/2014		PRODUCED 0 BO AND 219.79 BLW W/ 10% OC.
06/27/2014		PRODUCED 0 BO AND 275.36 BLW W/ 10% OC.
06/28/2014		PRODUCED 0 BO AND 182.19 BLW W/ 10% OC.
06/29/2014		PRODUCED 0 BO AND 15.37 BLW W/ 10% OC.
06/30/2014		PRODUCED 0 BO AND 129.57 BLW W/ 10% OC.
07/01/2014		PRODUCED 0 BO AND 86.86 BLW W/ 10% OC.
07/02/2014		PRODUCED 0 BO AND 4.97 BLW W/ 10% OC. GENERATOR DN. FUEL LINE SCREEN PLUGGED UP. CLEANED & PUT NEW FUEL FILTER ON.
07/03/2014		PRODUCED 0 BO AND 84.69 BLW W/ 10% OC.
07/04/2014		PRODUCED 0 BO AND 104.75 BLW W/ 10% OC.
07/05/2014		PRODUCED 0 BO AND 139.02 BLW W/ 10% OC.
07/06/2014		PRODUCED 0 BO AND 19.86 BLW W/ 10% OC.
07/07/2014		PRODUCED 0 BO AND 25.39 BLW W/ 10% OC.
07/08/2014		PRODUCED 0 BO AND 49.65 BLW W/ 10% OC. GREASED STUFFING BOX RUBBERS.

Ranken Energy Corporation
Gateway #1-7

Drilling/Completion Report

Report Period: 07/01/2013 to 09/16/2014

Date	Hrs	Field Report
07/09/2014		PRODUCED 0 BO AND 39.24 BLW W/ 10% OC.
07/10/2014		PRODUCED 0 BO AND 129.09 BLW W/ 10% OC.
07/11/2014		PRODUCED 0 BO AND 49.65 BLW W/ 10% OC.
07/12/2014		PRODUCED 0 BO AND 30.27 BLW W/ 10% OC.
07/13/2014		PRODUCED 0 BO AND 44.69 BLW W/ 10% OC.
07/14/2014		PRODUCED 0 BO AND 45.17 BLW W/ 10% OC.
07/15/2014		PRODUCED 0 BO AND 39.72 BLW W/ 10% OC. GREASED STUFFING BOX RUBBERS.
07/16/2014		PRODUCED 0 BO AND 45.17 BLW W/ 10% OC.
07/17/2014		PRODUCED 0 BO AND 40.2 BLW W/ 10% OC.
07/18/2014		PRODUCED 0 BO AND 85.82 BLW W/ 10% OC.
07/19/2014		PRODUCED 0 BO AND 14.9 BLW W/ 10% OC.
07/20/2014		PRODUCED 0 BO AND 44.69 BLW W/ 10% OC.
07/21/2014		PRODUCED 0 BO AND 39.81 BLW W/ 10% OC.
07/22/2014		PRODUCED 0 BO AND 34.76 BLW W/ 10% OC.
07/23/2014		PRODUCED 0 BO AND 39.72 BLW W/ 10% OC.
07/24/2014		PRODUCED 0 BO AND 5.64 BLW W/ 10% OC.
07/25/2014		PRODUCED 0 BO AND 19.27 BLW W/ 10% OC.
07/26/2014		PRODUCED 0 BO AND 29.79 BLW W/ 10% OC.
07/27/2014		PRODUCED 0 BO AND 19.86 BLW W/ 10% OC.
07/28/2014		PRODUCED 0 BO AND 24.83 BLW W/ 10% OC.
07/29/2014		PRODUCED 0 BO AND 4.97 BLW W/ 10% OC.
07/30/2014		PRODUCED 0 BO AND 0 BLW.
07/31/2014		SHUT DN PUMPING UNIT & REL RENTAL GENERATOR & SEPARATOR. SHUT IN W.O.O.
08/04/2014		ROUSTABOUT CREW RD FLOWLINE TO FRAC TANKS, LOAD ON TRAILER & HAUL TO YARD.

Form 1000S Instructions part G.

Project name and location Blanchard 3D, McClain & Grady County

Oklahoma will provide a plat of the project area. The plat will be provided on a topographic map or a map with similar information and will delineate the section or sections the 2D or #d will be conducted over.

Geokinetics or its' contractors will fill all seismic shot holes within 4 to 10 feet from the surface with cement grout, native cuttings, gravel or an appropriate substitute. The remainder of the hole shall be filled with native cuttings or soil.

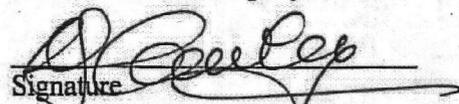
All seismic holes will be plugged immediately upon drilling and use or as soon as possible and shall not remain unplugged or temporarily abandoned for a period of more than 30 days after the drilling of the hole.

Within 30 days after completing a seismic or stratigraphic test hole operation, Geokinetics or its contractor will submit a copy of an approved Form 1000S certifying the plugging of all seismic or stratigraphic test holes and a post plat showing actual location of all seismic or stratigraphic test holes **and all misfire explosive charges left in place.**

No seismic shot hole blasting shall be conducted within two hundred (200) feet of any habitable dwelling, building, or water well without written permission from the owner of the property or within five hundred (500) feet of any Super Fund site or hazardous waste facility.

Geokinetics and its' contractors will adhere to and abide by all NRCS rules and regulations regarding general seismic operations in exclusion areas and the drilling and plugging of seismic shot holes.

DAVID CROWLEY, CEO, Geokinetics
Name, Title, Company name


Signature

March 26, 2015
Date