

Oklahoma Corporation Commission  
Oil & Gas Conservation Division  
Post Office Box 52000  
Oklahoma City, Oklahoma 73152-2000  
Rule 165: 10-3-25

Form 1002A

API No.: 35051235480000

**Completion Report**

Spud Date: March 23, 2011

OTC Prod. Unit No.: 051-205447

Drilling Finished Date: May 02, 2011

1st Prod Date: July 09, 2011

Completion Date: July 14, 2011

**Drill Type: HORIZONTAL HOLE**

Min Gas Allowable: Yes

Well Name: GREER 1-3H

Purchaser/Measurer: CIMAREX ENERGY

Location: GRADY 3 10N 8W  
N2 NE NE NE  
180 FNL 330 FEL of 1/4 SEC  
Derrick Elevation: 1309 Ground Elevation: 1285

First Sales Date: 07/05/2011

Operator: CIMAREX ENERGY CO 21194

15 E 5TH ST STE 1000  
TULSA, OK 74103-4311

Completion Type	
X	Single Zone
	Multiple Zone
	Commingled

Location Exception	
Order No	
590441	

Increased Density	
Order No	
There are no Increased Density records to display.	

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
CONDUCTOR	20			80			SURFACE
SURFACE	13 3/8	61	J-55	1536	3000	940	SURFACE
INTERMEDIATE	9 5/8	40	P-110	10685	5000	460	8585
PRODUCTION	5 1/2	23	P-110	17005	8000	1765	9000

Liner								
Type	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
There are no Liner records to display.								

**Total Depth: 17055**

Packer	
Depth	Brand & Type
There are no Packer records to display.	

Plug	
Depth	Plug Type
There are no Plug records to display.	

Initial Test Data										
Test Date	Formation	Oil BBL/Day	Oil-Gravity (API)	Gas MCF/Day	Gas-Oil Ratio Cu FT/BBL	Water BBL/Day	Pumpin or Flowing	Initial Shut-In Pressure	Choke Size	Flow Tubing Pressure
Jul 14, 2011	WOODFORD	114.7	55.37	844	7358	148	FLOWING		20/64	1160

Completion and Test Data by Producing Formation			
Formation Name: WOODFORD	Code: 319WDFD	Class: GAS	
<b>Spacing Orders</b>		<b>Perforated Intervals</b>	
<b>Order No</b>	<b>Unit Size</b>	<b>From</b>	<b>To</b>
559702	640	12000	16910
<b>Acid Volumes</b>		<b>Fracture Treatments</b>	
There are no Acid Volume records to display.		1,942,450 25 POUNDS XL BORATE, 1,925,808 100 SAND	

Formation	Top
TONKAWA	7372
COTTAGE GROVE	7913
HOGSHOOTER	8296
CHECKERBOARD LIME	8798
CLEVELAND	8840
LOWER CLEVELAND	9522
OSWEGO	9703
CHEROKEE	9850
VERDIGRIS	9973
SKINNER	10022
PINK LIME	10195

Were open hole logs run? No

Date last log run:

Were unusual drilling circumstances encountered? No

Explanation:

Other Remarks
There are no Other Remarks.

**Lateral Holes**

Sec: 3 TWP: 10N RGE: 8W County: GRADY

SW SE SE SE

8 FSL 428 FEL of 1/4 SEC

Depth of Deviation: 11541 Radius of Turn: 5043 Direction: 181 Total Length: 4905

Measured Total Depth: 17055 True Vertical Depth: 12012 End Pt. Location From Release, Unit or Property Line: 8

**FOR COMMISSION USE ONLY**

1111792

Status: Accepted

API NO. 051-23548  
 OTC PROD. UNIT NO. 051-205447

PLEASE TYPE NOTE:  
 Attach copy of

**AS SUBMITTED**

ION COMMISSION  
 Division  
 : 52000  
 na 73152-2000  
 J-3-25

**RECEIVED** 1002A  
 AUG 29 2011

ORIGINAL  
 AMENDED (Reason)

COMPLETION REPORT

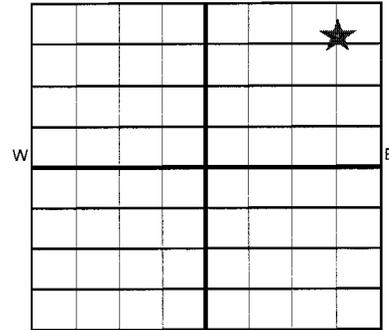
TYPE OF DRILLING OPERATION

STRAIGHT HOLE  DIRECTIONAL HOLE  HORIZONTAL HOLE  
 SERVICE WELL

If directional or horizontal, see reverse for bottom hole location.

COUNTY	Grady	SEC	3	TWP	10N	RGE	8W	SPUD DATE	3-23-11					
LEASE NAME	Greer	WELL NO.	1-3H	DRLG FINISHED DATE	5-2-11	DATE OF WELL COMPLETION	7-14-11	1st PROD DATE	7-9-11					
N2 1/4 NE 1/4 NE 1/4 NE 1/4	FNL	180	FEL OF 1/4 SEC	330	RECOMP DATE	N/A	ELEVATIO N Derrick	1309	Ground	1285	Latitude (if known)	35*37'73.33	Longitude (if known)	98*02'65.28
OPERATOR NAME	Cimarex Energy Co. (attn: Hope Knauls)			OTC/OCC OPERATOR N	21194-0									
ADDRESS	15 E. 5th Street, Suite 1000													
CITY	Tulsa	STATE	OK	ZIP	74103									

OKLAHOMA CORPORATION COMMISSION



COMPLETION TYPE

<input checked="" type="checkbox"/> SINGLE ZONE
<input type="checkbox"/> MULTIPLE ZONE Application Date
<input type="checkbox"/> COMMINGLED Application Date
LOCATION EXCEPTION ORDER INCREASED DENSITY ORDER NO.

CASING & CEMENT (Form 1002C must be attached)

TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP OF CMT	
CONDUCTOR	20"			80'			Surf	
SURFACE	13 3/8	61	J55	1536	3000	940	Surf	
INTERMEDIATE	9 5/8	40	P110	10,685	5000	460	8,585	
PRODUCTION	5 1/2	23	P110	17,005	8000	1765	9000	
LINER								
							TOTAL DEPTH	17,055

PACKER @ \_\_\_\_\_ BRAND & TYPE \_\_\_\_\_ PLUG @ \_\_\_\_\_ TYPE \_\_\_\_\_ PLUG @ \_\_\_\_\_ TYPE \_\_\_\_\_  
 PACKER @ \_\_\_\_\_ BRAND & TYPE \_\_\_\_\_ PLUG @ \_\_\_\_\_ TYPE \_\_\_\_\_ PLUG @ \_\_\_\_\_ TYPE \_\_\_\_\_

COMPLETION & TEST DATA BY PRODUCING FORMATION *319WDFD*

FORMATION	Woodford
SPACING & SPACING ORDER NUMBER	640/559702
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	Gas
PERFORATED INTERVALS	12,000-16,802 <i>16910 per Hope Knauls</i>
ACID/VOLUME	
FRACTURE TREATMENT (Fluids/Prop Amounts)	1942450 25 # XL Borate 1925808 100 Sand

Min Gas Allowable (165:10-17-7) OR Oil Allowable (165:10-13-3) Gas Purchaser/Measurer Cimarex Energy First Sales Date 7/5/2011

INITIAL TEST DATA

INITIAL TEST DATE	7/14/2011
OIL-BBL/DAY	114.7
OIL-GRAVITY ( API)	55.37
GAS-MCF/DAY	844
GAS-OIL RATIO CU FT/BBL	7,358.32
WATER-BBL/DAY	148.3
PUMPING OR FLOWING	flow
INITIAL SHUT-IN PRESSURE	N/A
CHOKE SIZE	20/64
FLOW TUBING PRESSURE	1160#

**SCANNED**

A record of the formations drilled through, and pertinent remarks are presented on the reverse. I declare that I have knowledge of the contents of this report and am authorized by my organization to make this report, which was prepared by me or under my supervision and direction, with the data and facts stated herein to be true, correct, and complete to the best of my knowledge and belief.

<i>Hope Knauls</i> SIGNATURE	Hope Knauls NAME (PRINT OR TYPE)	8/26/2011 DATE	918-295-1799 PHONE NUMBER
15 E. 5th Street, Suite 1000 ADDRESS	Tulsa OK 74103 CITY STA ZIP	hknauls@cimarex.com EMAIL ADDRESS	

PLEASE TYPE OR USE BLACK INK ONLY  
FORMATION RECORD

Give formation names and tops, if available, or descriptions and thickness of formations drilled through. Show intervals cored or drillstem tested.

LEASE NAME Greer WELL NO. 1-3H

NAMES OF FORMATIONS	TOP
Tonkawa	7,372
Cottage Grove	7,913
Hogshooter	8296
Checkerboard Line	8,798
Cleveland	8,840
Lower Cleveland	9,522
Oswego	9,703
Cherokee	9,850
Verdegris	9,973
Skinner	10,022
Pink Lime	10,195

FOR COMMISSION USE ONLY

ITD on file  YES  NO

APPROVED \_\_\_\_\_ DISAPPROVED \_\_\_\_\_

2) Reject Codes

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Were open hole logs run?  yes  no

Date Last log was run \_\_\_\_\_

Was CO<sub>2</sub> encountered?  yes  no at what depths? \_\_\_\_\_

Was H<sub>2</sub>S encountered?  yes  no at what depths? \_\_\_\_\_

Were unusual drilling circumstances encountered?  yes  no  
If yes, briefly explain below \_\_\_\_\_

Other remarks:

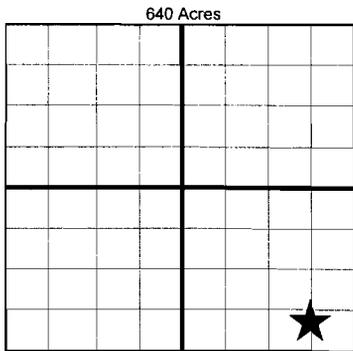
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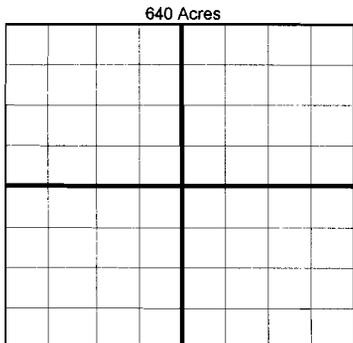
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If more than three drainholes are proposed, attach a separate sheet indicating the necessary information.

Direction must be stated in degrees azimuth. Please note, the horizontal drainhole and its end point must be located within the boundaries of the lease or spacing unit.

Directional surveys are required for all drainholes and directional wells.



**BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE**

SEC	TWP	RGE	COUNTY			
Spot Location	1/4	1/4	1/4	Feet From 1/4 Sec Lines	FSL	FWL
Measured Total Depth	True Vertical Depth		BHL From Lease, Unit, or Property Line:			

**BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)**

**LATERAL #1**

SEC	TWP	RGE	COUNTY		
3	10N	8W	Grady		
Spot Location	S2 1/4 SE 1/4 SE 1/4 SE 1/4	Feet From 1/4 Sec Lines	FSL 8'	FEL 428	
Depth of Deviation	11,541	Radius of Turn	5043	Direction 181.11	Total Length 4905'
Measured Total Depth	17,055'	True Vertical Depth	12,012'	BHL From Lease, Unit, or Property Line: 8'	

**LATERAL #2**

SEC	TWP	RGE	COUNTY			
Spot Location	1/4	1/4	1/4	Feet From 1/4 Sec Lines	FSL	FWL
Depth of Deviation	Radius of Turn		Direction		Total Length	
Measured Total Depth	True Vertical Depth		BHL From Lease, Unit, or Property Line:			

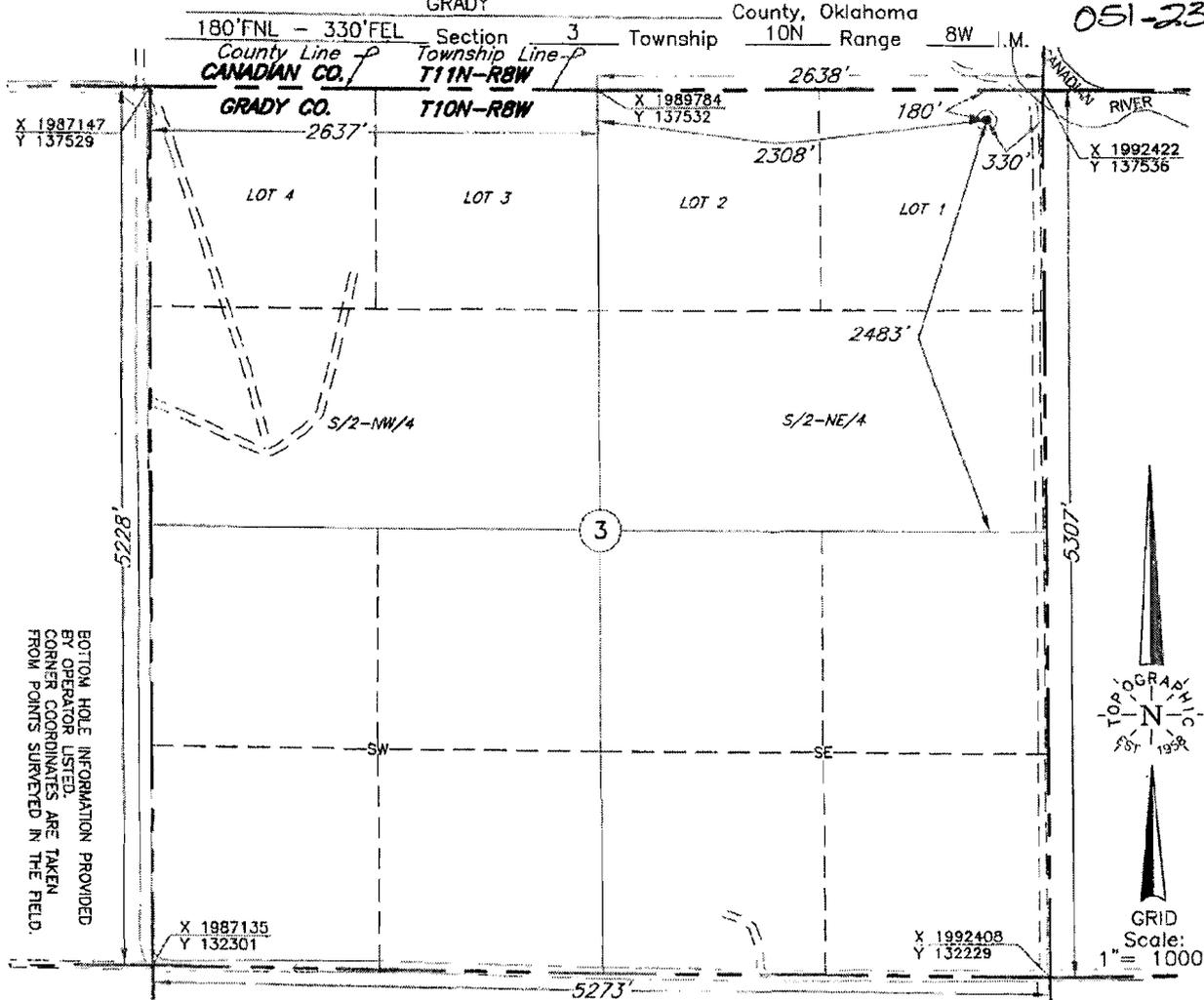
**LATERAL #3**

SEC	TWP	RGE	COUNTY			
Spot Location	1/4	1/4	1/4	Feet From 1/4 Sec Lines	FSL	FWL
Depth of Deviation	Radius of Turn		Direction		Total Length	
Measured Total Depth	True Vertical Depth		BHL From Lease, Unit, or Property Line:			

Image @ 1002A

**TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA**  
6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 \* LOCAL (405) 843-4847 \* OUT OF STATE (800) 654-3219  
Certificate of Authorization No. 1293

API  
051-23548



This location has been very carefully staked on the ground according to the best official survey records, maps, and photographs available to us, but its accuracy is not guaranteed. Review this plot and notify us immediately of any possible discrepancy.

Distances shown in (parenthesis) are calculated based upon the Quarter Section being 2640 feet, those shown in [brackets] are based on GLO (General Land Office) distances and have not been measured.

Operator: CIMAREX ENERGY CO.  
Lease Name: GREER

Well No.: 1-3H  
**ELEVATION:**

Topography & Vegetation Loc. fell in level wheat field, ±180' South of fence

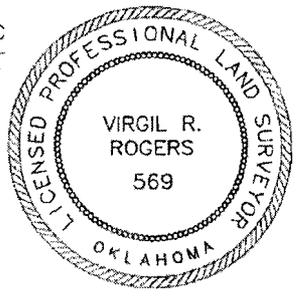
Good Drill Site? Yes Reference Stakes or Alternate Location None  
Stakes Set None

Best Accessibility to Location From East on trail  
Distance & Direction From Grady-Caddo County Line on St. Hwy. 152, go 4.0 mi. East on St. Hwy. 152, then 3.0 mi. North to the NE Cor. of Sec. 3-T10N-R8W

(The following information was gathered using a GPS receiver Accuracy ±2-3 Meters.)  
GPS  
DATUM: NAD-27  
LAT: 33°42'38.7"N  
LONG: 98°01'33.6"W  
STATE PLANE COORDINATES:  
ZONE: OK SOUTH  
X: 1992091  
Y: 137355

Invoice # 164396 Date of Drawing: Feb. 10, 2011 AC  
Date Staked: Feb. 04, 2011

**CERTIFICATE:**  
I, Virgil R. Rogers a Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify that the above described well location was surveyed and staked on the ground as shown herein.  
Virgil R. Rogers  
Oklahoma Reg. No. 569



SCANNED