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

Form 1023
Rev. 2007

1. API No. 071-24667
2. OTC Prod. Unit No. 071 211376 0 0000
3. Date of Application 04-02-2014

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 (165:10-3-37)

5. Operator Name International Energy Corporation		OTC/OCC No. 22390	Email carla@IEC-OIL.com
Address 1801 E 71st St		Phone No. 918-743-7300	
City Tulsa	State OK	Zip 74136	
6. Lease Name/Well No. Theda 25-1		FAX No. 918-743-0099	
Location within section: S2 1/4 NE 1/4 NE 1/4 NE 1/4	Sec. 26 25	Twp 25N	Rge 1E
			County Kay

8. The following facts are submitted:	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
A. Name of common source of supply	Layton 2		Mississippi line Mississippian
B. Top and bottom of pay section (perforations)	2904-2932		3961-4120 4132-4280
C. Type of production (oil or gas)	Oil		Oil
D. Method of production (flowing or art. lift)	Art Lift		Art Lift
E. Latest test data by zone (oil, gas, and water)	3.3 bopd, 0 MCFD, 40 bowpd		3.9 bopd, 58 MCFD, 157 bowpd
F. Wellhead or bottom hole pressure	43 PSI		43 PSI
G. Spacing order number and size of unit	39275 - 20 acre unit 39967 - 20 acre unit		None unspaced
H. Increased density order number	None N/A		None N/A
I. Location exception order number and penalty	None N/A		None N/A

OKLAHOMA CORPORATION COMMISSION
Oil & Gas Division
Approved

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

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

See Attached Sheet

10. The operators listed above have been notified and furnished a copy of this application. 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 attached.

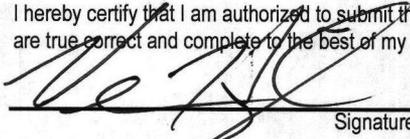
B. Diagrammatic sketch of the proposed completion of the well.

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.

 (Vernon Higdon) Senior Engineer (918) 743-7300
Signature Title Phone (AC/NO)

OCC USE ONLY

SA Staff Signature Phone No. 4, 22, 14 Date Approved Rejected



16.0" @ 42' BGL

8.625" @ 267' w/ 150 sxs

TOC @ 2719' (CBL - 6/11/13)

2904'-2932' Layton
2952'-2958' Layton (squeezed)

3961'-4120' Upr MS Lime
4132'-4280' Lwr MS Lime

EOT @ 4,292'

PBTD @ 4295'
CIBP @ 4300'

4330'-4350' Woodford
PBTD @ 4295'

5.5" @ 4355' w/ 155 sxs

Original TD @ 4295'

Well Name: Theda 25-1		Spud Date: 5/23/13		Location: Sec. 25-25N-1E	
County: Kay		Compl Date:		Field: East Tonkawa	
State: OK		API #: 071 24667		Formation: Mississippi Lime	
Prospect:		State ID #:		Permit #:	
TD: 4,295'		PBTD: 4,295'		GL Elev: 928'	
				KB: 942'	
				GL Perm Dat 14' Ft Abv GL	
Pipe Record					
Csg	OD	Grade	THD	Wt/Ft	Top
Cond	16				0'
Surf	8 5/8	LS	STC	24.00#	0'
Prod	5 1/2	LS	LTC	17.00#	0'
Liner					
Tbg	2 7/8		8rd	6.50#	0'
					4,242'
					137
Cement & Hole Data					
Hole Size	Sacks	Class	Slurry	TOC	
26	5.5 yds	8 sk Grout		GL	
12 1/4	150	A		GL	
7 7/8	155	A		2,719'	
Remarks:					
5/23/13: Spud well.					
5/24/13: Drilled to 273' KB. Set 6 joints 8 5/8" 24.0# LS STC casing @ 267' KB w/ 150 sx Class A cement circulated to surface.					
5/28/13: Drilled to 4,358'; ran open-hole logs (4,357' Logger's TD). Ran 103 joints 5 1/2" 17.0# casing, set @ 4,355' KB; cemented w/ 155 sxs Class A.					
6/11/13: Ran CBL; found PBTD @ 4344'. Found TOC @ 2719'.					
6/21-28/13: MIRU pulling unit; drilled out cement stringers to 4355'. Perforated Woodford interval, 4330'-4350' (16 holes). Pumped 1200 gals 15% HCL NEFE, 60 bbls, lease wtr, and 12 bio-balls. Swabbed back - no gas or oil returns. POOH; RDMO.					
7/3/13: Perforated 4132'-4280' (52 holes as shown in Perforation Record) w/ 3 1/8" slick guns loaded w/ 4" shots, 22.7 g charge/shot, & 180 deg. phasing.					
7/9/13: Frac'd stage 1 (4,132'-4,280'; 52 holes) was stimulated using 11,515 bbls low pH slickwater, 5,500 gals 15% HCl, 10,164 lbs 100 Mesh sand, 20,265 lbs 40/70 white sand, 4,000 lbs rock salt, and 46 RCN balls (7/8", 1.3 S.G.). Perforated Stage 2 (3961'-4120', 55 holes) using 3 1/8" slick guns w/ 4" shots, 22.7 g charges, 180 deg. phasing. Set Magnum composite frac plug @ 4,125'. Frac Stage 2 (3,961'-4,120'; 55 holes) was stimulated using 10,160 bbls low pH slickwater, 5,500 gals 15% HCl, 10,038 lbs 100 Mesh sand, 20,286 lbs 40/70 white sand, 4,000 lbs rock salt, and 29 RCN balls (7/8", 1.3 S.G.). RDMO frac equipment.					
9/5/13: Drilled out CFP @ 4125' and chased to bottom; PBTD @ 4295'. Installed production tubing string and rod string w/ BHP.					
12/5/13: Changed out BHP; replaced bad tbg joint.					
Capacities: (Bbl/Ft) (Ft3/Ft)					
Tbg:	2.875	6.50#	.00579	0.0325	
Csg:					
PCsg:	5.5 LS	17.00#	.02320	0.1305	
ICsg:					
SCsg:	8.625 LS	24.00#	.07580	0.4257	
Liner:					
Volume Between: (Bbl/Ft) (Ft3/Ft)					
Tbg x Csg:			.0152	.0854	
Tbg x Csg:					
PCsg x SCsg:			.0343	.1926	
ICsg x SCsg:					
ICsg x OH:					
SCsg x OH:	8.625		.06360	0.3575	
PCsg x OH:	5.500		.0309	.1733	
Perforation Record					
Date	Top	Btm	Status		
06/11/13	4,346'	4,350'	5 holes		
06/11/13	4,340'	4,342'	3 holes		
06/11/13	4,334'	4,338'	5 holes		
06/11/13	4,330'	4,332'	3 holes		
07/03/13	4,266'	4,280'	8 holes		
07/03/13	4,250'	4,258'	5 holes		
07/03/13	4,230'	4,236'	4 holes		
07/03/13	4,215'	4,225'	6 holes		
07/03/13	4,172'	4,196'	13 holes		
07/03/13	4,162'	4,166'	3 holes		
07/03/13	4,140'	4,158'	10 holes		
07/03/13	4,132'	4,136'	3 holes		
07/09/13	4,090'	4,120'	16 holes		
07/09/13	4,074'	4,080'	4 holes		
07/09/13	4,046'	4,058'	7 holes		
07/09/13	4,034'	4,042'	5 holes		
07/09/13	4,023'	4,029'	4 holes		
07/09/13	4,000'	4,008'	5 holes		
07/09/13	3,961'	3,987'	14 holes		
01/09/14	2,952'	2,958'	13 holes	squeezed	
01/16/14	2,904'	2,912'	17 holes		
02/10/14	2,914'	2,932'	19 holes		
WI%: 100.00%					
Zone/Penalty:					
Offset/Zone:					
Force Pool Acreage:					
Competitive:					
BHT: WHSIP: BHP:					
Logs: Dual Induction - Shallow Guard - GR; Comp. Density - Comp. Neutron - ME - GR;					
Borehole Volume:					
Landman:					
Geologist:					
Status:					
Objective:					
Formations & depths:					
TUBULAR GOODS PERFORMANCE					
Material	Tensile* (lbs)	Burst* (lbs)	Collapse* (lbs)	ID (in)	Drift (in)
16" #					
8.625" 24# LS STC	244,000	2,950	1,370	8.097	7.972
5.5" 17# LS LTC	247,000	5,320	4,910	4.892	4.767
2.875" 6.5# 8rd	99,660	7,260	7,680	2.441	2.347
* Safety Factor Not Included					
Tbg assembly as of 2/26/14: 137 jts 2 7/8" 6.5# 8rd tubing, 2 7/8"x2' sub, SN, 2 7/8"x15' MA (EOT @ 4261').					
Rod assembly as of 2/26/14: 2 1/2"x1 1/2"x16' insert pump w/ 6' gas anchor, 117 - 7/8" rods, 51 - 3/4" rods, 8'x7/8" pony rod, 8', 6', 4', 2'x7/8" pony rods.					
Prepared By: V. Higdon			Engineer: V. Higdon		
Date: 06/13/13			Office: 918-743-7300		
Updated: 04/02/14 vh			Fax: 918-743-0099		

**INTERNATIONAL ENERGY CORPORATION – 1023 APPLICATION
(#9 ATTACHMENT)**

#9 LIST ALL OPERATORS WITH MAILING ADDRESSES WITHIN ½ MILE, PRODUCING FROM THE ABOVE LISTED ZONES:

- 1) GARY KLINGER
15401 S U ST
PONCA CITY OK 74601

- 2) RON & DAN'S OIL LTD
1570 W ALAMEDA
DENVER CO 80223

- 3) THE BRADEN COMPANIES INC
1600 SE 19TH ST STE 303
EDMOND OK 73013

- 4) LEGACY RESERVES OPERATING LP
303 W WALL ST STE 1400
MIDLAND TX 79701

INTERNATIONAL ENERGY CORPORATION

1801 E 71ST STREET TULSA, OK 74136

OFFSET OPERATORS 1/2 MILE RADIUS
THEDA 25-1

COMMINGLED MISSISSIPPI/LAYTON

POSTED WELL DATA

Operator
Well Name
Well Number

ATTRIBUTE MAP

- Zone: WELL - O_4050SGL IS PRESENT
- Zone: LAYTON - LAYTON_PERFS (TTU) IS PRESENT
- Zone: O_LAYTON IS PRESENT
- Zone: SKINNER - SKINNER_PERFS (TTU) IS PRESENT
- Zone: WELL - O_SKINNER/SD/ IS PRESENT
- Zone: MISSISSIPPIAN - CHAT_PERFS (TTU) IS PRESENT
- Zone: WELL - O_359CHAT IS PRESENT
- Zone: WELL - O_359MSCH IS PRESENT
- Zone: WELL - O_359MSSP IS PRESENT
- Zone: WELL - O_359MPLM IS PRESENT
- Zone: MISSISSIPPIAN - MSLM_PERFS (TTU) IS PRESENT
- Zone: WELL - O_MISSISSIPPIAN IS PRESENT
- Zone: WELL - O_MISSISSIPPIANLM IS PRESENT
- Zone: WELL - O_MISSISSIPPIANCHERT IS PRESENT

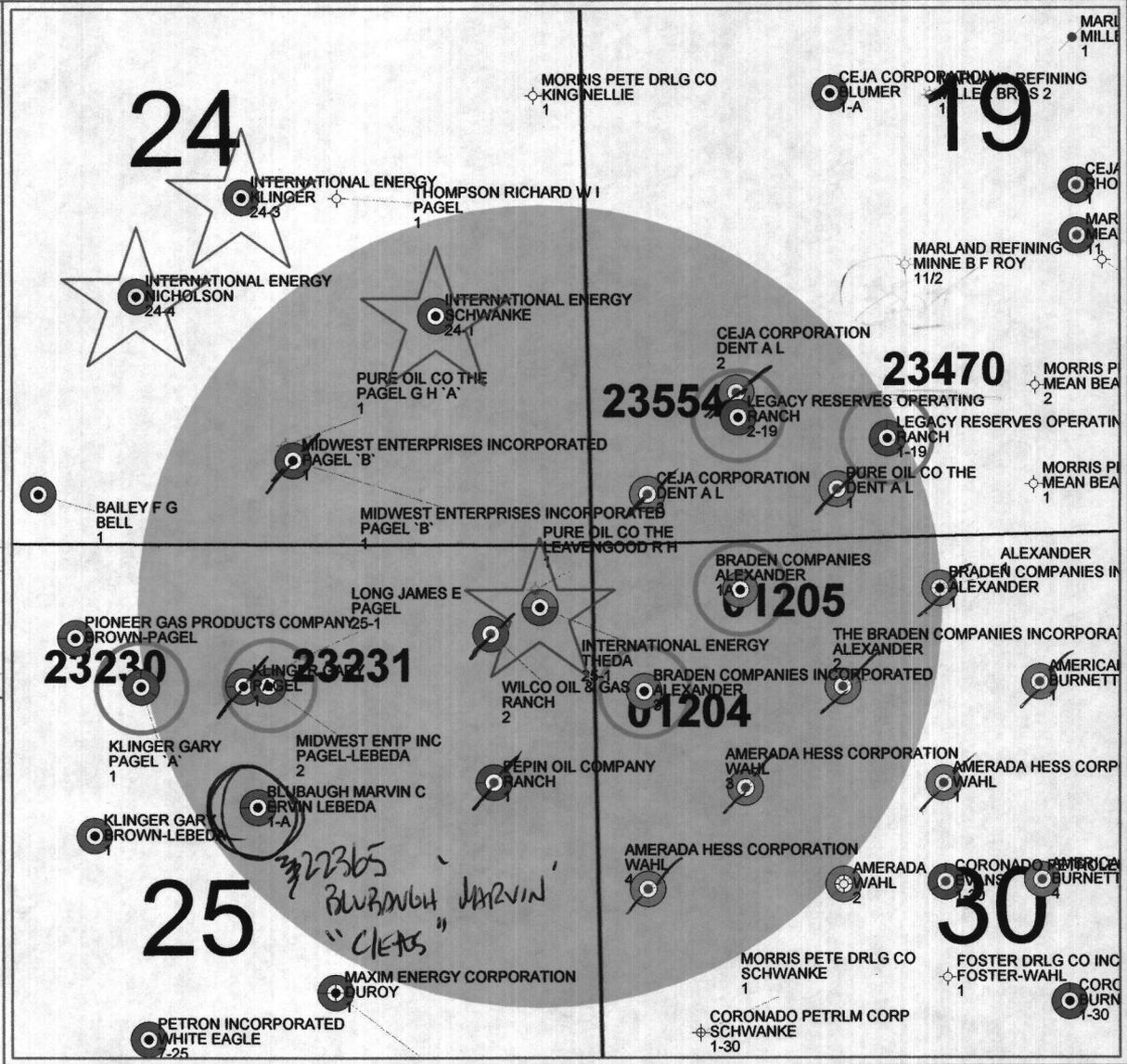
SYMBOL HIGHLIGHT

IEC WELLS 12_2_13

By: BUD MCINTYRE

0 1,000
FEET

March 27, 2014



Calibration Report

Database File: theda_25_1.db
 Dataset Pathname: Theda_25_Dig1/pass2
 Dataset Creation: Mon May 27 10:10:34 2013 by Log SOC 120430

Dual Induction Calibration Report

Serial-Model: G_5592-GEAR-GEAR
 Surface Cal Performed: Sat May 26 20:52:34 2012
 Downhole Cal Performed: Sun Jan 09 12:07:57 2011
 After Survey Verification Performed: Sun Jan 09 12:08:00 2011

Surface Calibration

Loop:	Readings			References			Results		
	Air	Loop	Cal	Air	Loop	Cal	m	b	b
Deep	-0.004	0.741	V	0.000	400.000	mmho/m	536.987	1.944	
Medium	-0.001	0.957	V	0.000	464.000	mmho/m	484.221	0.700	
Internal:	Zero	Cal	Zero	Cal	Cal	m	b	b	
Deep	0.011	0.643	V	0.000	500.000	mmho/m	790.833	-8.553	
Medium	0.007	0.735	V	0.000	500.000	mmho/m	686.436	-4.743	

Downhole Calibration

Loop:	Readings			References			Results		
	Zero	Cal	Cal	Zero	Cal	Cal	m'	b'	b'
Deep	0.000	0.000	mmho/m	7.751	347.258	mmho/m	1.000	0.000	
Medium	0.000	1.000	mmho/m	0.000	1.000	mmho/m	1.000	0.000	
LL3	7.400	V	V	1500.000	Ohm-m	Ohm-m			
	0.015	V	V	20.000	Ohm-m	Ohm-m			
	-7.300	V	V	3740.000	mmho-m	mmho-m			

After Survey Verification

Loop:	Readings			Targets			Results		
	Zero	Cal	Cal	Zero	Cal	Cal	m'	b'	b'
Deep	0.000	0.000	mmho/m	0.000	0.000	mmho/m	0.000	0.000	
Medium	0.000	1.000	mmho/m	0.000	1.000	mmho/m	1.000	0.000	
LL3	1.000	1.000	Ohm-m	500.000	Ohm-m	Ohm-m			
	0.000	0.000	Ohm-m	3.200	Ohm-m	Ohm-m			
	1.000	1.000	mmho-m	1.000	mmho-m	mmho-m			

Gamma Ray Calibration Report

Serial Number: GR2001
 Tool Model: GEAR_A
 Performed: Sun May 19 22:08:37 2013

Calibrator Value: 1.0 GAPI
 Background Reading: 0.0 cps
 Calibrator Reading: 1.0 cps
 Sensitivity: 0.7000 GAPI/cps

Database File: theda_25_1.db
 Dataset Pathname: Theda_25_Dig1/pass2.2
 Presentation Format: di2lin
 Dataset Creation: Mon May 27 12:19:26 2013 by Calc SOC 120430
 Charted by: Depth in Feet scaled 1.600

Database File: theda_25_1.db
 Dataset Pathname: Theda_25_Dig1/pass2.2
 Presentation Format: dii2lin
 Dataset Creation: Mon May 27 12:19:26 2013 by Calc SOC 120430
 Charted by: Depth in Feet scaled 1.600

0	Gamma Ray (GAPI)	150
-100	SP (mV)	100

0	DEEP (Ohm-m)	50
0	SHALLOW (Ohm-m)	50

1000 CILD (mmho/m)

50	RILD (Ohm-m)	500
50	SHALLOW (Ohm-m)	500

