

OCD-HOBBS

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED  
OMB NO. 1004-0137  
Expires: March 31, 2007

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. Nm NM 01135
b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., Other _____		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator <b>Edge Petroleum Operating Company</b>		7. Unit or CA Agreement Name and No. N/A
3. Address <b>1301 Travis, Ste. 2000 Houston, TX 77002</b>		8. Lease Name and Well No. <b>Southeast Lusk 34 Federal #3</b>
3a. Phone No. (include area code) <b>713-335-9808</b>		9. AFI Well No. <b>30-025-37358</b> <b>51</b>
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface <b>330' FSNL &amp; 330' FWL</b> At top prod interval reported below At total depth		10. Field and Pool, or Exploratory <b>Lusk Delaware</b>
14. Date Spudded <b>12/13/2005</b>		11. Sec., T., R., M., on Block and Survey or Area <b>Sec. 34, T-19S, R-32E</b>
15. Date T.D. Reached <b>01/10/2006</b>		12. County or Parish <b>Lea Co</b>
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		13. State <b>NM</b>
17. Elevations (DF, RKB, RT, GL)* <b>3562' GL</b>		
18. Total Depth: MD <b>7800'</b> TVD	19. Plug Back T.D. MD TVD	20. Depth Bridge Plug Set: MD <b>4810'</b> TVD
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) <b>Density Neutron, Microlog, Dual Induction, CBL/GR/CCL previously submitte</b>		22. Was well cored? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)

## 23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.5"	13.375"	J55/54.5	0	917'		680 sx C	247	surface	none
12.25"	10.75"	J55/45.5	0	3080'		820 sx C	561	surface	none
9.5"	7.625"	N80/29.7	0	4270'		375 sx C	114	2980'	none
6.5"	4.5"	N80/11.6	0	7800'		625 sx TXI	157	2280'	none

## 24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"	4810'	4657'	1X					

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Cherry Canyon	5160'		5000'-5004'	2 spf	8	producing
B)			4866'-4871'	2 spf	10	producing
C)			4824'-4887'	1 spf	56	producing
D) Middle Cherry Canyon	4810'		4748'-4765'	2 spf	30	producing

## 27. Acid, Fracture, Treatment, Cement Squeeze, etc

Depth Interval	Amount and Type of Material
5000'-5004'	500 gal 7 1/2% NEFE w/ 24 ball sealers
4866'-4871'	750 gal 7 1/2% NEFE w/30 1.3 ball sealers
4824'-4887'	7200 gal 7 1/2% NEFE w/ 138 ball sealers
4748'-4765'	3000 gal 7 1/2% NEFE

## 28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
07/15/2006	07/08/2006		→	34		227			pumping
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

## 28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
07/15/2006	07/12/2006		→	3		2			pumping
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

\*(See instructions and spaces for additional data on page 2)

ACCEPTED FOR RECORD

DEC 18 2007

ALEXIS C. SWOBODA  
PETROLEUM ENGINEER

## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg Press	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				<b>Cherry Canyon</b> <b>Middle Cherry Canyon</b>	<b>5610'</b> <b>4810'</b>

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☒ Electrical/Mechanical Logs (1 full set req'd.)    ☐ Geologic Report    ☐ DST Report    ☐ Directional Survey  
☐ Sundry Notice for plugging and cement verification    ☒ Core Analysis    ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) **Angela Lightner** [angela@rkford.com](mailto:angela@rkford.com)Title **Consultant 432-682-0440 office**

Signature

*Angela Lightner*

Date

**12/10/2007**

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.