

OCD-HOBBS

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Form 3160-4
(April 2004)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCT 28 2010

HOBBSOCD

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. NM 01135
b. Type of Completion: <input type="checkbox"/> New Well <input checked="" 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 Edge Petroleum Operation Company, Inc.		7. Unit or CA Agreement Name and No. N/A
3. Address POB 51937 Midland, TX 79710	3a. Phone No. (include area code) 432-682-1002	8. Lease Name and Well No. South Lusk 33 Federal #1
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 1545' FNL & 1980' FWL At top prod. interval reported below At total depth		9. AFI Well No. 30-025-36312
10. Field and Pool, or Exploratory Lusk Atoka Morrow East		11. Sec., T., R., M., on Block and Survey or Area Sec.33, T-19S, R-32E
12. County or Parish Lea Co		13. State NM
14. Date Spudded 12/13/2003	15. Date T.D. Reached 01/23/2004	17. Elevations (DF, RKB, RT, GL)* 3539'GL
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		
18. Total Depth: MD TVD 12807	19. Plug Back T.D.: MD 12150' TVD	20. Depth Bridge Plug Set: MD 11927' TVD
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) Logs were submitted with original completion		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 type="checkbox"/> No <input checked="" 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 Sk. & Type of Cement	Slurry Vol. (EBL)	Cement Top*	Amount Pulled
26"	20 /K55	94	0	890	-	1315 sx C	371	surface	-
17.5"	13 3/8	68	0	2580'	-	2060 sx C	745	surface	-
12.25"	9 5/8	47	0	4369'	2475'	900 sx C	599	surface	-
8.5"	5.5 P110	17	0	12807'	9706'	957 sx C	148		-
	& N80					1800 sx H	740	surface	

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"	12100'	11927'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Atoka Sands			12023'-12028'	6 spf	30	
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
12023'-12028'	1000 gal 15% HCl

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
05/10/2006	05/22/2006	24	→	0	16	0			flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
14/64	SI 80	0	→						

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
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
	SI		→						

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

ACCEPTED FOR RECORD

OCT 20 2010
/s/ Dustin WinklerBUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

JAN 24 2011

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.)

Sold

30. Summary of Porous Zones (Include Aquifers):				31. Formation (Log) Markers	
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.					
Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
Atoka	12022	12030	Possible Gas	Yates	2655
Upr Morrow	12176	12186	Possible Gas	Delaware	4755
Mid Morrow	12418	12482	Gas	Bone Springs LM	7315
				3rd Bone Springs Sd	9975
				Wolfcamp RF	10560
				Strawn LM	11235
				Atoka	11690
				Morrow LM	11930
				Mid Morrow SD	12305
				Lwr Morrow SD	12530
				Barnett SH	12620
				Miss LM	12675

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**

Title **Consultant 432-682-0440**

Signature

Angela Lightner

Date **10/18/2010**

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.

EDGE PETROLEUM OPERATING CO., INC.
WELL SUMMARY

LEASE: SOUTH LUSK 33 FED
WELL: No. 1
AREA: EDDY CO., NM
FIELD: SOUTH LUSK

SURF LOC: SECTION 33, T19S, R32E
BHL: STRAIGHT HOLE
X:
Y:

ENGR:
RIG:
ELEV.
KB:

D. Hurd Updated 6/12/06
Big Dog #11
3539'
3566'

OPEN HOLE LOGGING	SANDS/ MARKERS	DEPTH		CASING PROFILE	CASING DETAILS		
		TVD	MD				
		40'	40'		30" Conductor		
		890'	890'		20", 106 ppf H-40, STC		
	Yates	2695'	2695'				
		2580	2580		13 3/8", 68 ppf P-110, L-80, K-55, BTC 0'-2580'	Cmt'd w/2060 sks	
	Capitan	3062'	3062'		TOC @		
					9 5/8", 43.5 & 47 ppf P-110 & N-80 LTC 0'-4360'	Cmt'd w/900 sks	
	Delaware	4360'	4360'		TOC @ 4400'		
	Wolfcamp Lime	10605'	10605'		2 7/8", 6.5#, P-110, EOT @ 11,920'		
	Strawn	11335'	11335'		FSG 2.25" Profile Nipple @ 11,920' Arrow-Set Paker @ 11,927'		
	Atoka Clastic Atoka Sand	11790' 12022'	11790' 12022'		Perf Atoka 12,023' - 12,028', 6 SPF w/ 2.125" Strip Gun		
					35' Cmt Plug Est PBDT 12,115' CIBP - Set 5/2/06 @ 12,150'		
	Upper Morrow	12175'	12175'		Perf Upper Morrow 12176'-12184'		
	Middle Morrow	12418'	12418'		CIBP - Set 7/15/05 w/ 35' cmt PBDT 12,305 Perf Upper Morrow 12374'-12384' Perf Middle Morrow 12420'-12468'		
	Lower Morrow	12515'	12515'		CIBP @ 12512' w/10 cmt on top Perf Lwr Morrow 12515'-25', wet		
	TD	12834'	12834'		5 1/2", 17#, N-80 & P-110, LTC 0'-12834'	Cmt'd w/ 2757 sxs	

E-LOGS
NONE

E-LOGS
Triple Combo
4500' to 12800'