

N.M. Oil Cons. Division
1625 N. French Dr.
Hobbs, NM 88240

Form 3160-4
 (April 2004)

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 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 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			
2. Name of Operator Edge Petroleum Oper. Co., Inc.						7. Unit or CA Agreement Name and No.			
3. Address 1301 Travis, Suite 2000 Houston, TX 77002				3a. Phone No. (include area code) 713-654-8960		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' 1625' FNL & 1980' FWL At top prod. interval reported below At total depth						9. AFI Well No. 30-025-36312 0051			
14. Date Spudded 12/13/2003						15. Date T.D. Reached 01/23/2004		16. Date Completed 04/22/2004 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.	
17. Elevations (DF, RKB, RT, GL)* 3539' GL						10. Field and Pool, or Exploratory Lusk Morrow Gas East			
11. Sec., T., R., M., on Block and Survey or Area Sec. 33, T19S, R32E						12. County or Parish Lea		13. State NM	
18. Total Depth: MD TVD 12807			19. Plug Back T.D.: MD 12502 TVD 12502			20. Depth Bridge Plug Set: MD 12512 TVD			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) Neutron Gamma Ray, Formation Multi-Tester, Dual Laterolog						22. Was well cored? <input checked="" type="checkbox"/> No <input 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. (BBL)	Cement Top*	Amount Pulled
26"	20 / K-55	94	Surface	890'	-	1315 sx "C"	371	Surface	-
17.5"	13 3/8	68	Surface	2580'	-	2060 sx "C"	745	Surface	-
12.25"	9 5/8	47	Surface	4369'	2475	900 sx "C"	599	Surface	-
8.5"	5.5/P-110	17	Surface	12807'	9706	957 sx "C"	148	Surface	-
	& N-80					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 7/8"	12302	12302							
25. Producing Intervals					26. Perforation Record				
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status	
A) Morrow				12420-12468		.48	192	Producing	
B) Lwr Morrow				12515-12525		.48	256	CIBP @ 12512' w/ 10' cmt on top	
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
12420-12468		Frac'd with 24 M Gal WF140 65 Q Foam w/ 31 M lbs Sim Baux							
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
04/22/2004	05/14/2004	24	→	10	424	8	49.9 @ 60 deg	.730	FLOWING
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
24	150 SI 1100	360	→	10	424	8	53000	PRODUCING	
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	
			→						

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

ACCEPTED FOR RECORD
(ORIG SGD.) DAVID R. GLASS
MAY 27 2004
DAVID R. GLASS
PETROLEUM ENGINEER

KZ

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):

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
Atoka Upr Morrow Mid Morrow	12022 12176 12418	12030 12186 12452	Possible Gas Possible Gas Gas	Yates Delaware Bone Springs LM 3rd Bone Springs Sd Wolfcamp RF Strawn LM Atoka Morrow LM Mid Morrow SD Lwr Morrow SD Barnett SH Miss LM	2655 4755 7315 9975 10560 11235 11690 11930 12305 12530 12620 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) Jim KeislingTitle Vice President, ProductionSignature Jim KeislingDate 05/19/2004

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.