

New Mexico Oil Conservation Division, District I
1625 N. French Drive
Hobbs, NM 88249

Form 3160-4
 (April 2004)

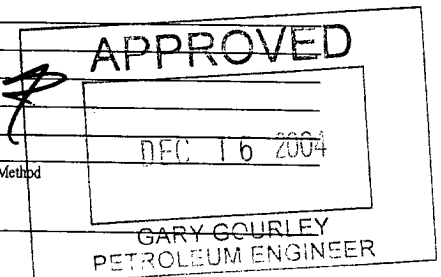
UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

1a. Type of Well <input checked="" 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 NA			
2. Name of Operator Edge Petroleum Oper. Co., Inc.						7. Unit or CA Agreement Name and No. NA			
3. Address 1301 Travis, Suite 2000 Houston, TX 77002				3a. Phone No. (include area code) 713-427-8883		8. Lease Name and Well No. Southeast Lusk "34" Federal #1			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 1530' FNL & 40' FWL At top prod. interval reported below 2 At total depth 1500' FNL & 660' FWL						9. AFI Well No. 30-025-36439			
14. Date Spudded 07/31/2004						15. Date T.D. Reached 09/22/2004		10. Field and Pool, or Exploratory Lusk Morrow East Gas	
16. Date Completed 10/27/2004 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.						11. Sec., T., R., M., on Block and Survey or Area 34, T 19S, R 32E			
17. Elevations (DF, RKB, RT, GL)* 3557' GL						12. County or Parish Lea County		13. State NM	
18. Total Depth: MD 13180 TVD 13180			19. Plug Back T.D.: MD 12908 TVD 12908			20. Depth Bridge Plug Set: MD 12950 TVD 12950			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) Dual laterlog, Den-Neu-GR, Formation tester, Sidewall Coring, Cement Bond						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 Sks. & Type of Cement	Slurry Vol (BBL)	Cement Top	Amount Pulled
26"	18.625	J55 87.5	Surface	870'	NA	1805 "C"	583	Surface	None
17.5"	13.375	P110 68#	Surface	2540'	NA	1435 "C"	582	Surface	None
12.25"	9.625	N80 53.5	Surface	4300'	NA	1240 "C"	262	Surface	None
8.5"	5.5 L80	23	Surface	13180'	NA	1680 "H"	565	Surface	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)	
See #32	Remarks								
25. Producing Intervals					26. Perforation Record				
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status	
A) Middle Morrow		12746	12890	12964-12984		.48	4 SPF	CIBP set @ 12950	
B)				12739-12741		.48	4 SPF	Producing	
C)				12780-12789		.48	4 SPF	Producing	
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval			Amount and Type of Material						
12739-12789			96800 gal 65Q CO2 foam with 79000 gal 20/40 sintered bauxite						
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
10/27/2004	11/07/2004	24	→	22	1765	19			Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
11/64	67	1250	→	22	1765	19	80227	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. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

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



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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
				Delaware / Cherry Canyon	4770
				Delaware / Brushy Canyon	5883
				Bone Springs Lm	7418
				1st Bone Springs	8504
				2nd Bone Springs	9270
				3rd Bone Springs	10203
				Wolfcamp Rf	10589
				Strawn Lm	11590
				Atoka clastics	12060
				Morrow Lm	12332
				Middle Morrow Sd	12680
				Lower Morrow Sd	12946

32. Additional remarks (include plugging procedure):

The well is currently producing through the 5 1/2" casing. An attempt to lubricate a 5 1/2" packer into the well was unsuccessful due to a tight spot @ 330'. Plans are to snub the 5 1/2" packer and 2 7/8" tubing into the well and set the packer @ 12670'.

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 V.P. ProductionSignature Jim KeislingDate 12/09/2004

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.