

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 type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other 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 _____		5. Lease Serial No. NM-01135
2. Name of Operator Edge Petroleum Oper. Co., Inc.		6. If Indian, Allottee or Tribe Name NA
3. Address 1301 Travis, Suite 2000 Houston, TX 77002		7. Unit or CA Agreement Name and No. NA
3a. Phone No. (include area code) 713-427-8842		8. Lease Name and Well No. Southeast Lusk 34 Federal #2
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 1750' FNL & 530' FWL At top prod. interval reported below At total depth		9. AFI Well No. 30-025-37357
14. Date Spudded 08/17/2005		10. Field and Pool, or Exploratory South Lusk Bone Springs
15. Date T.D. Reached 09/12/2005		11. Sec., T., R., M., on Block and Survey or Area 34, T19S, R32E
16. Date Completed 10/09/2005 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		12. County or Parish Lea County
17. Elevations (DF, RKB, RT, GL)* 3552' GL		13. State NM
18. Total Depth: MD 7802' TVD		19. Plug Back T.D.: MD 7750' TVD
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) High Def Ind/GR, Rotary Sidewall/GR, Neutron/GR, CBL/CCL
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)		

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
17.5	13.375	J55 54.5	0	890'	-	680	376.4	0	None
12.25"	10.75	J55 45.5	0	3080'	-	1045	683.9	0	None
9.5	7.625	L80 29.7	0	4270'	3007	730	583	0	None
6.5	4.5	L80 11.6	0	7802'	-	550	354.2	500	None

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	7592'	7533'						

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Product
A) 1st Bone Springs	7458		7616-7672'	3 1/8	64	
B)						
C)						
D)						

Depth Interval	Amount and Type of Material
7616-7672'	3000 gallons 15% HCl
7616-7672'	1290 BBLs 3% KCl

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
10/09/2005	10/10/2005	24	→	605	300	67	36.2		FLOWING
Choke Size 25/64	Tbg. Press. SI	Csg. Press. 270	24 Hr. Rate →	Oil BBL 605	Gas MCF 300	Water BBL 67	Gas/Oil Ratio 496	Well Status	PRODUCING

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. 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
DAVID R. GLASS
PETROLEUM ENGINEER
OCT 26 2005

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.)

Vented

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
				Yates	2694
				Capitan Reef	3555
				Cherry Canyon	4763
				Brushy Canyon	5874
				Brushy Canyon Pay	6600
				Low Brushy Canyon	7204
				1st Bone Springs Lm	7458
				1st Bone Springs Lm Pay	7650

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) Amanda SimmonsTitle Production Assistant

Signature

Amanda SimmonsDate 10/18/2005

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.