

Submit To Appropriate District Office
Two Copies
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-105
July 17, 2008

RECEIVED

SEP 23 2010

HOBBSOCD

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

4. Reason for filing:
☒ **COMPLETION REPORT** (Fill in boxes #1 through #31 for State and Fee wells only)
☐ **C-144 CLOSURE ATTACHMENT** (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)

7. Type of Completion:
☐ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☒ OTHER DHC 4300

8. Name of Operator
Edge Petroleum Operating Company, Inc.

10. Address of Operator
1301 Travis Ste. 2000 Houston, TX 77002

1. WELL API NO.
30-025-38877

2. Type of Lease
☐ STATE ☒ FEE ☐ FED/INDIAN

3. State Oil & Gas Lease No.

5. Lease Name or Unit Agreement Name
South Lovington 25

6. Well Number: 001

9. OGRID
224400

11. Pool name or Wildcat
Lovington; Upper Penn 40710 & Undes. Lovington; Wolfcamp 41040

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	E	25	16S	36E		1977	North	330	West	Lea
BH:										

13. Date Spudded
6-20-08

14. Date T.D. Reached
8-30-08

15. Date Rig Released
9-6-08

18. Total Measured Depth of Well
12,604'

16. Date Completed (Ready to Produce)
10-9-08

17. Elevations (DF and RKB, RT, GR, etc.) 3848'GL

20. Was Directional Survey Made?
Yes

21. Type Electric and Other Logs Run

22. Producing Interval(s), of this completion - Top, Bottom, Name
Lovington Upper Penn 11,069' - 11,111' & 10,076' - 10,577' Lovington; Wolfcamp

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	48# H-40 STC	515'	17.5	560 sxs H	
9 5/8	40# J-55 LTC	4413'	12 1/4	1700 sxs C	
7	32# HCP-110 LTC	12,510'	8	1317 sxs H, 1061 sxs H	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8	11,172.27'	

26. Perforation record (interval, size, and number)
10,076' - 10,086' 2 spf, 10,104' - 10,120' 2 spf, 10,560' - 10,577' 2 spf
11,069' - 11,111' 2 spf, 11,230' - 11,236' 2 spf, 12,428' - 12,467' s spf

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
10,076'-10,577'	10,000 gal 15% Sta-Live, 446 gal 2% KCL
11,069'-11,111'	2500 gal 15% HCL, 4200 gal 2% KCL

28. PRODUCTION

Date First Production 8/30/2010		Production Method (Flowing, gas lift, pumping - Size and type pump) pumping		Well Status (Prod. or Shut-in) Producing	
Date of Test 8/30/2010	Hours Tested 24 hrs	Choke Size	Prod'n For Test Period	Oil - Bbl 20	Gas - MCF 75
Flow Tubing Press. 0#	Casing Pressure 0#	Calculated 24-Hour Rate	Oil - Bbl 20	Gas - MCF 75	Water - Bbl 19
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold			30. Test Witnessed By		

31. List Attachments

32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.

33. If an on-site burial was used at the well, report the exact location of the on-site burial:

Latitude

Longitude

NAD 1927 1983

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature *Angela Lightner*

E-mail Address angela@rkford.com

Printed Name Angela Lightner Title Consultant

Date 09/22/2010

PETROLEUM ENGINEER

DHC-4300

OCT 13 2010

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....
 No. 2, from.....to.....
 No. 3, from.....to.....
 No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology
520	680	160	anhydrite	10400	11200	800	limestone/chert/shale
680	760	80	shale	11200	11290	90	sand
760	1440	680	anhydrite	11290	11380	90	shale
1440	1680	240	shale	11380	11430	50	sand/shale
1680	1840	160	anhydrite	11430	12250	820	limestone/chert/shale
1840	2030	190	anhydrite/shale/silt	12250	12390	140	shale
2030	2140	110	anhydrite/dolomite	12390	12430	40	limestone
2140	2830	690	shale/anhydrite	12430	12590	160	dolomite
2830	3020	190	anhydrite/salt				
3020	3400	380	shale/anhydrite				
3400	3480	80	sand anhydrite				
3480	3620	140	anhydrite/shale				
3620	3670	50	anhydrite/sand				
3670	4060	390	anhydrite/shale				
4060	4200	140	sand/anhydrite				
4200	4680	480	anhydrite/sand/dolomite				
4680	5730	1050	dolomite				
5730	5920	190	dolomite/chert				
5920	6240	320	dolomite				
6240	6770	530	dolomite/limestone				
6770	9600	2830	dolomite				
9600	10400	800	limestone				

**EDGE PETROLEUM CORPORATION
COMMINGLE WELL SUMMARY**

LEASE: SOUTH LOVINGTON 25
WELL: No. 1
AREA: LEA COUNTY, NM
FIELD: LOVINGTON WOLFCAMP

SURF LOC: 1,977' FNL & 330' FWL SECTION 25, T16S, R36E
BHL: STRAIGHT HOLE
X: 812,597.2
Y: 690,789.2

ENGR: RIG:
ELEV. 3,848'
KB: 24'

DIRECTIONAL	OPEN HOLE LOGGING	SANDS/ MARKERS	DEPTH		CASING PROFILE	HOLE SIZE	CASING DETAILS	MUD WT. & TYPE	MAXIMUM DOGLEG SEVERITY
			TVD	MD					
			40'	40'		PRESET	20" Conductor		
			455'	455'		17-1/2"	13-3/8", 48 ppf J-55, STC	SPUD MUD 8.4-9.4 PPG	2°/100'
STRAIGHT HOLE	Second Target	Queen	4030'	4030'		12 1/4"		8.4-9.4 PPG 3-10K CI 455'-1,850'	
	E-LOGS NONE		4400'	4400'			9 5/8", 40 ppf J-55, LTC 0'-4400'	9.4-10.5 ppg 10-140k CI 1,850'-4,400'	2°/100'
STRAIGHT HOLE	Second Target	San Andres	4750'	4750'		8-1/2"	TOC @ 4300'	8.4-8.5 ppg fresh water 3-20k CI 4,400'-8,500'	
	Second Target	Glorieta	6180'	6180'					
		Tubb	7440'	7440'					
		Abo	8180'	8180'					
		Wolfcamp	9660'	9660'				9.3-9.5 ppg 120-130k CI 8,500'-9,800'	
	Prim Target	Wolfcamp Oil	10030'	10030'					
		Cisco	10480'	10480'			Perf interval	10,076'-10,577'	
	Second Target	Strawn LM	11020'	11020'					
		Atoka	11090'	11130'					
		Up Morrow Clastics	11290'	11290'			2 7/8" tbg	9.3-9.5 ppg XCD Polymer Starch-10cc filtrate 9,800'-11,290'	
		Lower Morrow	11360'	11360'			Perf interval	11,069'-12,467'	
		Miss LM	11480'	11480'					
		Woodford	12240'	12240'					
	Prim Target	Devonian	12370'	12370'					
	E-LOGS Triple Combo 4400' to 12800'	TD	12800'	12800'			5 1/2", 20#, P-110, LTC 0'-12800'	9.5-9.8 ppg XCD starch-6cc filtrate 11,290'-12800'	2°/100'

Revised: 9/8/10

By AL