

Submit to Appropriate
District Office
- 6 copies
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240
DISTRICT II
P.O. Drawer DD, Artesia, NM 88210
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-105
Revised 1-1-89

RECEIVED
DEC 20 2010
HOBBSOCD

CONSERVATION DIVISION
1220 South St. Francis Drive
Santa Fe, New Mexico 87504

WELL API NO.
30-025-37299

5. Indicate Type of Lease
State ☒ Fee ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

South Vacuum

8. Well No.
275

9. Pool Name or Wildcat
Vacuum, Devonian South 62010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. Type of Completion:
NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☒ DIFF RESVR ☐ OTHER ☐

2 Name of Operator
Paladin Energy Corp.

3 Address of Operator
10290 Monroe Dr., Suit 301, Dallas, Texas 75229

4 Well Location
Unit Letter H 1700 Feet From The North Line and 760 Feet From the East Line

Section 27 Township 18S Range 35E NMPM Lea, County

10. Date Spudded 6/27/2005 11. Date T.D. Reached 8/27/2005 12. Date Compl. (Ready to Prod) 11/23/2010 13. Elevation (DF&RKB, RT, GR, ect.) 3887' GR 14. Elev. Casinghead 3907' KB

15. Total Depth 14,190' 16. Plug Back T.D. 12,360' 17. If Multiple Compl. How 18. Intervals Rotary Tools Cable Tools X

19. Producing Interval(s) of this completion - Top, Bottom, Name Devonian 11,712-726', 11,744-774', 11,790-810' MD 20. Was Directional Survey Made yes

21. Type Electric and Other Log 22. Was Well Cored

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#	418'	17-1/2"	535 sacks	
9-5/8"	40#	3,887'	12-1/4"	1040 sacks	
7	26 & 29 #	12,724'	8-3/4"	635 sacks	

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
5"	12,367"	14,187"	276		2-7/8"	6,457"
						Sub Pump

26. Perforation record (interval, size, and number)			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.		
11,712-726', 11,744-774', 11,790-810' MD			DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	
				10,000 gal 15% NEFE Acid	

28. PRODUCTION

Date of First Production		Production Method (Flowing, gas lift, pumping - size and typ pump)				Well Status (Prod. Or Shut-in)	
		flowing				Shut-in	
Date of Test	Hours Tested	Choke Size	Prod'n for	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
11/25/2010	24	open	24 hours	7	0	1750	-
Flow Tubing Press.	Casing Pressure	Calculated 24-	Oil - Bbl	Gas - MCF	Water - Bbl.	Oil garvity - API (Corr.)	
	0						

29. Disposition of Gas (Sold, used for fuel, vented, etc) Test Witnessed By Mickey Horn

30. List Attachments
directional survey, Laterlog, Density/Neutron

31. 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  Printed Name David Plaisance Title VP Exploration & Prod. Date 12/15/2010

Kg

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. It 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 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico - TVD				Northeastern New Mexico			
T. Anhy	1,774	T. Canyon		T. Ojo Almo		T. Penn. "B"	
T. Salt		T. Strawn	10,464	T. Kirtland-Fruitland		T. Penn. "C"	
B. Salt		T. Chester	10,742	T. Pictured Cliffs		T. Penn. "D"	
T. Yates	3,284	T. Miss	10,810	T. Cliff House		T. Leadville	
T. 7 Rivers		T. Woodford	11,380	T. Menefee		T. Madison	
T. Queen	4,468	T. Devonian	11,568	T. Point Lookout		T. Elbert	
T. Grayburg		T. Silurian	12,372	T. Mancos		T. McCracken	
T. San Andres	4,970	T. Montoya	13,207	T. Gallup		T. Ignacio Otzte	
Delaware	5,704	T. Simpson	13,447	Base Greenhorn		T. Granite	
1st Bone Springs	6,972	T. McKee	13,653	T. Dakota		T.	
T. Blinebry		T. Ellenburger		T. Morrison		T.	
T. Tubb		T. Gr. Wash	13,900	T. Todilto		T.	
T. Abo	7,998			T. Entrada		T.	
T. Leonard	8,760	T.		T. Wingate		T.	
T. Wolfcamp	9,402	T.		T. Chinle		T.	
T. Penn		T.		T. Permian		T.	
T. Cisco (Bough C)		T.		T. Penn "A"		T.	

OIL OR GAS SANDS OR ZONES

No. 1, from 13900 To 14350 No. 3, from To
 No. 2, 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 (Attached additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Litholo
0	420		surf rock	Measured			
420	1600		redbed	Depth			
1600	4700		anhydrite, salt, sand				
4700	6050		sand & dolomite				
6,050	6,450		lime				
6,450	7,100		lime, sand, chert				
7,100	8,700		Dolomite, Chert, Shale				
8,700	10,500		Lime, Chert, Shale, Sand				
10,500	10,900		Lime, Shale				
10,900	11,750		lime, Shale				
11,750	13,600		Lime & Dolomite				
13,600	13,810		Lime, Shale sand				
10,810	14,100		Sand & Shale				
14,100	14,190		Granite Wash				