

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

RECEIVED State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-105
Revised 1-1-89

JAN 28 2008

OIL CONSERVATION DIVISION

1220 South St. Francis Drive

Santa Fe, New Mexico 87504

HOBBS OCD

WELL API NO	
30-025-36789	
5. Indicate Type of Lease	
State ☒	Fee ☐
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name	
South Vacuum Unit	

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 <u>G</u> <u>1750</u> Feet From The <u>North</u> Line and <u>1610</u> Feet From the <u>East</u> Line					
Section <u>35</u> Township <u>18S</u> Range <u>35E</u> NMPM <u>Lea</u> County					
10. Date Spudded	11. Date T D Reached	12. Date Compl (Ready to Prod)	13. Elevation (DF&RKB, RT, GR, ect.)	14. Elev. Casinghead	
		1/12/2008	3869' KB		
15. Total Depth	16. Plug Back T D	17. If Multiple Compl. How	18. Intervals	Rotary Tools	Cable Tools
14050'	12,365'			☒	
19. Producing Interval(s) of this completion - Top, Bottom, Name				20. Was Directional Survey Made	
11,566-660' Devonian Formation				see original	
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#	435'	17-1/2"	395 sacks	
9-5/8"	40#	3847'	12-1/4"	760 sacks	
7	26 & 29 #	12,167"	8-3/4"	1065 sacks	

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
5"	11,720	14,041'	320		2-7/8"	8000

26. Perforation record (interval, size, and number)				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.		
11,650-660', 11,630-640', 11,566-576'				DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	
					5,000 gal 15% HCL	

28. PRODUCTION							
Date of First Production		Production Method (Flowing, gas lift, pumping - size and typ pump)				Well Status (Prod. Or Shut-in)	
		flowing				Prod	
Date of Test	Hours Tested	Choke Size	Prod'n for	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
1/12/2008	24	open	24 hours	287	25	3500	87
Flow Tubing Press.	Casing Pressure	Calculated 24-	Oil - Bbl	Gas - MCF	Water - Bbl.	Oil garvity - API (Corr.)	
pump	0						

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

30. List Attachments							

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 David Plaisance Printed Name David Plaisance Title VP Exploration & Prod. Date 1/24/2008

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 triplicate 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				Northeastern New Mexico			
T. Anhy	1,795	T. Canyon		T. Ojo Almo		T. Penn. "B"	
T. Salt		T. Strawn	10,548	T. Kirtland-Fruitland		T. Penn. "C"	
B. Salt		T. Chester	10,710	T. Pictured Cliffs		T. Penn. "D"	
T. Yates	3,282	T. Miss	10,765	T. Cliff House		T. Leadville	
T. 7 Rivers		T. Woodford	11,307	T. Menefee		T. Madison	
T. Queen	4,450	T. Devonian	11,470	T. Point Lookout		T. Elbert	
T. Grayburg		T. Silurian	12,135	T. Mancos		T. McCracken	
T. San Andres	4,995	T. Montoya	13,020	T. Gallup		T. Ignacio Otzie	
Delaware	5,775	T. Simpson	13,335	Base Greenhorn		T. Granite	
1st Bone Springs	7,055	T. McKee	13,607	T. Dakota		T.	
T. Blinbry		T. Ellenburger		T. Morrison		T.	
T. Tubb		T. Gr. Wash	13,802	T. Todilto		T.	
T. Abo	8,997			T. Entrada		T.	
T. Leonard	8,875	T.		T. Wingate		T.	
T. Wolfcamp	10,054	T.		T. Chinle		T.	
T. Penn	10,323	T.		T. Permian		T.	
T. Cisco (Bough C)		T.		T. Penn "A"		T.	

OIL OR GAS SANDS OR ZONES

No. 1, from	13607	To	13802	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	in Feet	Lithology	From	To	in Feet	Lithology
0	190	190	Sand, Caliche, redrock	11,300	11,470	170	shale
190	900	710	Redbed	11,470	11,725	255	lime & dolomite
900	1650	750	Redbed, shale, anhydrite	11,725	12,200	475	Dolomite & Lime
1650	2200	550	Redbed, shale, anhydrite	12,200	12,335	135	Lime & Dolomite
2,200	3,885	1685	salt & anhydrite	12,335	12,550	215	Lime & Dolomite
3,885	4,050	165	sandy lime	12,550	12,750	200	Lime & Dolomite
4,050	6,160	2110	lime & sand	12,750	13,115	365	Lime & Chert
6,160	7,030	870	lime & sand	13,115	13,270	155	Dolomite & Chert
7,030	8,190	1160	lime, sand, chert	13,270	13,600	330	Dolomite, Sand, Chert
8,190	8,665	475	lime & chert	13,607	13,802	195	Sand & Shale
8,665	9,110	445	lime & chert	13,802	14,050	248	Granite
9,110	9,450	340	lime & shale				
9,450	9,820	370	lime & shale, chert				
9,820	10,270	450	sand, lime & chert				
10,270	10,630	360	lime, chert, shale				
10,630	10,680	50	shale				
10,680	11300	620	lime				