

Submit to Appropriate
District Office
- 6 copies
State Lease - 6 copies

State Lease

Fee Lease - 5 copies

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240
DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

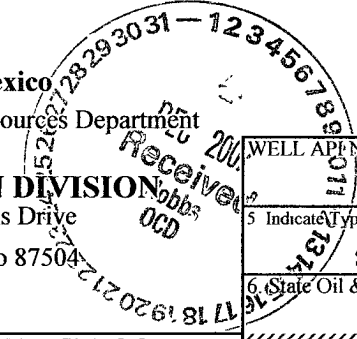
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

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

Form C-105

Revised 1-1-89



WELL APPL NO.

30-025-37122

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

274

9. Pool Name or Wildcat

Vacuum; Mississippian South

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

P

960

Feet From The

South

Line and

693

Feet From the

East

Line

Section

27

Township

18S

Range

35E

NMPM

Lea,

County

10. Date Spudded

4/30/2005

11. Date T.D. Reached

6/22/2005

12. Date Compl (Ready to Prod)

9/19/2007

13. Elevation (DF&RKB, RT, GR, ect)

3886' GR

14. Elev. Casinghead

3906' KB

15. Total Depth

14,230'

16. Plug Back T D

12,000'

17. If Multiple Compl How

18. Intervals

Rotary Tools

Cable Tools

☒

19. Producing Interval(s) of this completion - Top, Bottom, Name

Mississippian - 10,858-930"

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#	450'	17-1/2"	328 sacks	
9-5/8"	40#	3,943'	12-1/4"	1298 sacks	
7	26 & 29 #	12,550'	8-3/4"	810 sacks	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT
5"	12,227'	14,230'	262

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8"		10,750'

26. Perforation record (interval, size, and number)

10,858-78', 10,890-900', 10,920-30'

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

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				Shut-in	
Date of Test	Hours Tested	Choke Size	Prod'n for 24 hours	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
9/19/2007	24	open		2	222	0	111,000
Flow Tubing Press.	Casing Pressure	Calculated 24-	Oil - Bbl	Gas - MCF	Water - Bbl	Oil garvity - API (Corr.)	
100	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  Printed Name

David Plaisance

Title VP Exploration & Prod.

Date 10/17/2005

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

T. Anhy	1,774	T. Canyon
T. Salt		T. Strawn
B Salt		T. Chester
T. Yates	3,284	T. Miss
T. 7 Rivers		T. Woodford
T. Queen	4,513	T. Devonian
T. Grayburg		T. Silurian
T. San Andres	4,965	T. Montoya
Delaware	5,834	T. Simpson
1st Bone Springs	7,101	T. McKee
T. Blinberry		T. Ellenburger
T. Tubb		T. Gr. Wash
T. Abo	8,092	
T. Leonard	8,704	T.
T. Wolfcamp	9,446	T.
T. Penn		T.
T. Cisco (Bough C)		T.

Northeastern New Mexico

T. Ojo Almo		T. Penn. "B"
T. Kirtland-Fruitland		T. Penn. "C"
T. Pictured Cliffs		T. Penn. "D"
T. Cliff House		T. Leadville
T. Menefee		T. Madison
T. Point Lookout		T. Elbert
T. Mancos		T. McCracken
T. Gallup		T. Ignacio Otzte
Base Greenhorn		T. Granite
T. Dakota		T.
T. Morrison		T.
T. Todilto		T.
T. Entrada		T.
T. Wingate		T.
T. Chinle		T.
T. Permian		T.
T. Penn "A"		T.

OIL OR GAS SANDS OR ZONES

No. 1, from	13808	To	14036	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	Lithology
0	420		surf rock				
420	1580		redbed				
1580	4470		anhydrite, salt, gypsum				
4470	7080		sand & lime				
3,886	7,040		lime & sand				
7,040	9,490		lime, sand, chert				
9,420	10,850		lime, sand, shale				
10,800	11,025		lime, shale, chert				
11,025	11,570		Lime				
11,570	11,770		Shale				
11,770	11,990		Lime & Dolomite				
11,990	12,750		Lime & Dolomite				
12,750	13,600		Lime, Dolomite & Chert				
13,600	13,810		Sand, Shale & Lime				
13,810	14,040		Sand & Shale				
14,040	14,230		Granite Wash				