

Submit to Appropriate

District Office

State Lease

- 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

## OIL CONSERVATION DIVISION

1220 South St. Francis Drive

Santa Fe, New Mexico 87504

WELL API NO.

30-025-37122

5. Indicate Type of Lease

State ☒Fee ☐

6. State Oil &amp; Gas Lease No.

7. Lease Name or Unit Agreement Name

South Vacuum

## 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.

8. Well No.

274

3. Address of Operator

10290 Monroe Dr., Suit 301, Dallas, Texas 75229

9. Pool Name or Wildcat

Wildcat Mckee

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)

9/1/2005

13. Elevation (D.F. &amp; R.R.B., RT, GR, ect.)

3886' GR

14. Elev. Casinghead

3906' KB

15. Total Depth

14,230'

16. Plug Back T.D.

17. If Multiple Compl. How

18. Intervals

Rotary Tools

Cable Tools

☒

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

Mckee - 13,808-934"

20. Was Directional Survey Made

yes

21. Type Electric and Other Log

Dual Spaced Neutron/Spectral Density, Dual Laterlog

22. Was Well Cored

Yes

## 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	SCREEN
5"	12,227'	14,230'	262	

## 25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8"		13,723'

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

13,814-18', 13,824-30', 13,844-48', 13,864-68', 13,894-98'

13,934-38'

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

DEPTH INTERVAL

AMOUNT AND KIND MATERIAL USED

3,000 gal 10% Acidic Acid

Frac 2 1/2" 265 gal gel treated kcl water

149,476# sand

## 28. PRODUCTION

Date of First Production

Production Method (Flowing, gas lift, pumping - size and typ pump)

flowing

Date of Test

10/5/2005

Hours Tested

24

Choke Size

open

Prod'n for

24 hours

Oil - Bbl.

0

Gas - MCF

841

Water - Bbl.

6

Gas - Oil Ratio

-

Flow Tubing Press.

500

Casing Pressure

0

Calculated 24-

Oil - Bbl

Gas - MCF

Water - Bbl.

Oil garvity - API (Corr.)

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

David Plaisance

Printed

Name

David Plaisance

Title VP Exploration &amp; Prod.

Date 10/17/2005

K2

# 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. Blinebry		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				