

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.

30-025-03152

5. Indicate Type of Lease

State ☒Fee ☐

6. State Oil & Gas Lease No.

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 ☐SIDETRACK ☐

7. Lease Name or Unit Agreement Name

South Vacuum Unit 35

2. Name of Operator

Paladin Energy Corp.

8. Well No.

#3

3. Address of Operator

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

9. Pool Name or Wildcat

Wildcat Mckee

4. Well Location

BHL: C-35-18s-35e, 671/N & 2247/W

Unit Letter

C

660

Feet From The

North

Line and

1980

Feet From the

West Line

Section

35

Township

18S

Range

35E

NMPM

Lea,

County

10. Date Spudded

3/21/2004

11. Date T.D. Reached

4/19/2004

12. Date Compl. (Ready to Prod)

6/4/2004

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

3890' KB

14. Elev. Casinghead

15. Total Depth

13,763'

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 - 13,506-13,630'

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#	437'	17-1/2"	450 sacks	
9-5/8"	40#	3800'	12-1/4"	1300 sacks	
7	26 & 29 #	12,194'	8-3/4"	715 sacks	

24.

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT
5"	11,773'	13,761'	250

25.

TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8"		13,400'

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

13,506-09, 13,522-25, 13,556-59, 13,591-94, 13,627-30

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

DEPTH INTERVAL

AMOUNT AND KIND MATERIAL USED

3,000 gal/10% Acetic Acid

Frac 177,000 gal gel, treated kcl water

138,000# sand

28.

PRODUCTION

Date of First Production

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

flowing

Well Status (Prod. Or Shut-in)

Shut-in

Date of Test

6/4/2004

Hours Tested

4

Choke Size

9/64

Prod'n for

24 hours

Oil - Bbl.

0

Gas - MCF

833

Water - Bbl.

5

Gas - Oil Ratio

-

Flow Tubing Press.

3487

Casing Pressure

0

Calculated 24-

Oil - Bbl

Gas - MCF

Water - Bbl.

Oil gravity - 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 

Printed

Name

David Plaisance

Title VP Exploration & Prod.

Date 6/17/2004

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			Northeastern New Mexico		
T. Anhy	1,795	T. Canyon	T. Ojo Almo		T. Penn. "B"
T. Salt		T. Strawn	T. Kirtland-Fruitland		T. Penn. "C"
B. Salt		T. Atoka	T. Pictured Cliffs		T. Penn. "D"
T. Yates	3,282	T. Miss	10,732	T. Cliff House	T. Leadville
T. 7 Rivers		T. Devonian	11,512	T. Menefee	T. Madison
T. Queen	4,449	T. Silurian		T. Point Lookout	T. Elbert
T. Grayburg		T. Montoya	13,002	T. Mancos	T. McCracken
T. San Andres	4,991	T. Simpson	13,278	T. Gallup	T. Ignacio Otzie
Delaware	5,772	T. McKee	13,500	Base Greenhorn	T. Granite
Bone Springs	7,025	T. Ellenburger		T. Dakota	T.
T. Blinberry		T. Gr. Wash	13,720	T. Morrison	T.
T. Tubb		T. Delaware Sand		T. Todilto	T.
T. Dinkard		T. Bone Springs		T. Entrada	T.
T. Abo	8,640	T.		T. Wingate	T.
T. Wolfcamp	10,200	T.		T. Chinle	T.
T. Penn	10,313	T.		T. Permian	T.
T. Cisco (Bough C)		T.		T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from 13500 To 13720 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	Feet	Lithology	From	To	Feet	Lithology
			See original C-105 to 11,725'				
11,725	12,200		Dolomite & Lime				
12,200	12,335		Lime & Dolomite				
12,335	12,550		Lime & Dolomite				
12,550	12,750		Lime & Dolomite				
12,750	13,115		Lime & Chert				
13,115	13,270		Dolomite & Chert				
13,270	13,500		Dolomite, Sand, Chert				
13,500	13,720		Sand & Shale				
13,720	13,761		Granite				