

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.
30-025-30855

5. Indicate Type of Lease
State ☐ Fee ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Howard Fleet

8. Well No.

5

9. Pool Name or Wildcat

King Mississippian

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 I 2250 Feet From The South Line and 600 Feet From the East Line

Section 35 Township 13S Range 37E NMPM Lea, County

10. Date Spudded 11. Date T.D. Reached 12. Date Compl. (Ready to Prod) 13. Elevation (DF&RRB, RT, GR, etc.) 14. Elev. Casinghead

10/16/2014

3843' GR

15. Total Depth 16. Plug Back T.D. 17. If Multiple Compl. How 18. Intervals Rotary Tools Cable Tools

12,582'

X

19. Producing Interval(s) of this completion - Top, Bottom, Name 20. Was Directional Survey Made

Mississippian Formation

Yes

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

Induction, Neutron, Density

No

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	54.5#	415'	17-1/2"	500 sacks	
8-5/8"	32#	4525'	11"	1600 sacks	
5-1/2"	17 #	10,915'	7-7/8"	1635 sacks	

24. LINER RECORD 25. TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
3-1/2"	10,657'	12582'	100		2-7/8"		sub pump

26. Perforation record (interval, size, and number) 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

11,470-11,480' & 11,520-11,580'

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

3,000 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)

10-16-14

flowing

Prod

Date of Test Hours Tested Choke Size Prod'n for Oil - Bbl. Gas - MCF Water - Bbl. Gas - Oil Ratio

10/16/2014

24

open

24 hours

80

250

0

3,125

Flow Tubing Press. Casing Pressure Calculated 24- Oil - Bbl. Gas - MCF Water - Bbl. Oil gravity - API (Corr.)

1700 psi

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 11/20/2014

DEC 15 2014

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	2,150	T. Canyon	T. Ojo Almo		T. Penn. "B"
T. Salt	2,345	T. Strawn	10,920	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	3,144	T. Chester	11,230	T. Pictured Cliffs	T. Penn. "D"
T. Yates		T. Miss	11,260	T. Cliff House	T. Leadville
T. 7 Rivers		T. Woodford	12,292	T. Menefee	T. Madison
T. Queen		T. Devonian	12,325	T. Point Lookout	T. Elbert
T. Grayburg		T. Silurian		T. Mancos	T. McCracken
T. San Andres	4,525	T. Montoya		T. Gallup	T. Ignacio Otzte
Delaware		T. Simpson		Base Greenhorn	T. Granite
1st Bone Springs		T. McKee		T. Dakota	T.
T. Blinberry		T. Ellenburger		T. Morrison	T.
T. Tubb	7,330	T. Gr. Wash		T. Todilto	T.
T. Abo	8,002			T. Entrada	T.
T. Leonard		T.		T. Wingate	T.
T. Wolfcamp		T.		T. Chinle	T.
T. Penn	10,500	T.		T. Permian	T.
T. Cisco (Bough C)		T.		T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from 12225 To 12500 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	904	904	Red Bed	12,325	12,582	257	Dolomite, Lime
904	1800	896	Red Bed & Salt				
1800	1901	101	Red Bed & Anhydrite				
1901	2370	469	Anhydrite				
2370	2857	487	Anhydrite & Salt				
2857	3144	287	Salt & Anyhydrite				
3144	4567	1423	Anhydrite & Salt				
4567	4591	24	Shale & Anhydrite				
4591	6790	2199	Shale & Anhydrite Lime				
6790	6978	188	Dolomite, trace Chert				
6978	9410	2432	Dolomite				
9410	10915	1505	Dolomite				
10915	11150	235	Lime				
11150	11240	90	Sand				
11240	11450	210	Lime & Shale				
11450	12,292	842	Lime, Chert, Shale				
12,292	12,325	33	Shale				