

STATE OF NEW MEXICO
OIL AND MINERAL DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

To Indicate Type of Lease

State ☐ Free ☒

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

Mahaffey Bryan

9. Well No.

2

10. Field and Pool, or Wildcat

Pearl Queen

12. County

Lea

11. LETTER M LOCATED 330 FEET FROM THE South LINE AND 330 FEET FROM

1. Date Spudded 3-8-85 16. Date T.D. Reached 3-18-85 17. Date Compl. (Ready to Prod.) 4-9-85 18. Elevations (L.S., SSB, RT, GR, etc.) 3739 gl. 19. Elev. Casinghead 3740

2. Total Depth 5050' 21. Plug Back T.D. 4990' 22. If Multiple Compl., How Many 23. Intervals Drilled By Rotary Tools XX Cable Tools

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

4960' - 68' Penrose 4873.91 Queen

25. Was Directional Survey Made

No

26. Type Electric and Other Logs Run

CNL-FDC & GRN

27. Was Well Cored

No

8. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24	1834'	12-1/4 & 11"	670sx CLC 6%gel & 200C 2%CaCl	None
5-1/2"	15.5	4990'	7-7/8"	350sx H 50:50 Poz	None

9. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
NA					2-3/8"	4854	None

1. Perforation Record (Interval, size and number)

4960'-68' - 6 .42 holes

4873'-91' - 9 .42 holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4873' - 91'	frac 30,000 gal & 45,000#
4960' - 68'	frac 15,000 gal & 21,500#

3. PRODUCTION

Date First Production 4-8-85		Production Method (Flowing, gas lift, pumping - Size and type pump) pumping 2" x 1-1/4" x 16' insert				Well Status (Prod. or Shut-in) prod.	
Date of Test 4-9-85	Hours Tested 24	Choke Size NA	Prod'n. For Test Period →	Oil - Bbl. 69	Gas - MCF TSTM	Water - Bbl. 63	Gas - Oil Ratio TSTM
Flow Tubing Press. NA	Casing Pressure 15	Calculated 24-Hour Rate →	Oil - Bbl. 69	Gas - MCF TSTM	Water - Bbl. 63		Oil Gravity - API (Corr.) 35.6

4. Disposition of Gas (Sold, used for fuel, vented, etc.)

Vent

Test Witnessed By

Bill Jamison

5. List of Attachments

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.

Bill Jamison

Drilling Superintendent

8-19-85

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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 radioactivity logs run on the well and a summary of all geophysical 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 30 through 34 shall be reported for each zone. The form is to be filed in galataphone, 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

Northwestern New Mexico

T. Anhy 1750	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt 1780	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
D. Salt 3355	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates 3355	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers NA	T. Devonian	T. Menefee	T. Madison
T. Queen 4450	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Qizte
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinberry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Granite	T. Todilto	T.
T. Drinkard	T. Delaware Sand	T. Entrada	T.
T. Abo	T. Bone Springs	T. Wingate	T.
T. Wolfcamp	T.	T. Chinle	T.
T. Penn.	T.	T. Pennian	T.
T. Cimco (Bough C)	T.	T. Penn. "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from NA to	No. 4, from to
No. 2, from to	No. 5, from to
No. 3, from to	No. 6, 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
No. 4, from to feet

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1750	1750	Red Beds				
750	3355	1605	Anhy & Salt				
355	3900	545	Yates & Shale & Dolo.				
900	4450	550	Shale & Dolo				
450	4970	520	Queen				

RECEIVED
AUG 26 1985
MAIL ROOM