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Form C-105
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FILE

U.S.G.S.

LAND OFFICE

OPERATOR

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease

State ☐Fee ☒

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

Federal

9. Well No.

3 E

10. Field and Pool, or Wildcat

Basin Dakota

12. County

Rio Arriba

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

J. Gregory Merrion

3. Address of Operator

P. O. Box 507, Farmington, NM 87401

4. Location of Well

UNIT LETTER I LOCATED 1820 FEET FROM THE South LINE AND 1120 FEET FROMTHE East LINE OF SEC. 34 TWP. 25N RGE. 6W NMPM

15. Date Spudded

4-19-80

16. Date T.D. Reached

5-2-80

17. Date Compl. (Ready to Prod.)

6-9-80

18. Elevations (DF, RKB, RT, GR, etc.)

6373 GL, 6387 KB

19. Elev. Casinghead

6773

20. Total Depth

6750

21. Plug Back T.D.

6711

22. If Multiple Compl., How Many

-

23. Intervals Drilled By

Rotary Tools

0.6750

Cable Tools

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

6509-17, 6549-74, 6706-20, Dakota

25. Was Directional Survey Made

No

26. Type Electric and Other Logs Run

Dual Induction SFL and Compensated Neutron Density

27. Was Well Cored

No

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

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8	23	266	12-1/4	225 sx "B" 2% CACL ₂	none
4-1/2	10.5	6750	7-7/8	1100 sx + additives	none

29. LINER RECORD

SIZE	TOP	BOTTOM	BACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8	6495	

31. Perforation Record (Interval, size and number)

6712-20, 16 holes, 0.43" squeezed
 6706-20, 28 holes, 0.43"
 6549-74, 10 holes, 0.34"
 6509-17, 6 holes, 0.34"

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6712-20	Squeeze w/ 35 sx class H 6% FLA
6706-20	Frack 27600 gal + 74900# 20/40
6509-17, 6549-74	Frack 45000 gal + 70000# 20/40 + 10000# 10/20

33. PRODUCTION

Date First Production

6-9-80

Production Method (Flowing, gas lift, pumping - Size and type pump)

Flowing

Well Status (Prod. or Shut-in)

Shut in

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
7-7-80	3	3/4		spray	2227	spray	

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)
172	385			2227		

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

vented

Test Witnessed By

J. Gregory Merrion

35. List of Attachments

36. 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.

SIGNED

TITLE

Operator

DATE 7-14-80

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission 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 30 through 34 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

Northwestern New Mexico

T. Anhy	T. Canyon	T. Ojo Alamo	1440	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	1890	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	2150	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	3700	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	3790	T. Madison
T. Queen	T. Silurian	T. Point Lookout	4370	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	4594	T. McCracken
T. San Andres	T. Simpson	T. Gallup	5478	T. Ignacio Qtzte
T. Glorieta	T. McKee	Base Greenhorn	6374	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	6472	T.
T. Blinbry	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. Permian		T.
T. Cisco (Bough C)	T.	T. Penn. "A"		T.

OIL OR GAS SANDS OR ZONES

No. 1, from 2170 to 2285	No. 4, from 6514 to 6740
No. 2, from 4390 to 4480	No. 5, from to
No. 3, from 5495 to 5610	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	6750	6750	Sand & shale				

