

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other in
instructions on
reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

Cont 430

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla 430

9. WELL NO.

10

10. FIELD AND POOL, OR WILDCAT

Undes. Gallup

11. SEC. T., R., M., OR BLOCK AND SURVEY
OR AREA

Sec. 25, T23N, R5W

12. COUNTY OR
PARISH
Sandoval

13. STATE
New Mexico

1a. TYPE OF WELL:

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESER. ☐ OTHER ☐

2. NAME OF OPERATOR

Merrion Oil & Gas Corporation

3. ADDRESS OF OPERATOR

P. O. Box 840, Farmington, New Mexico 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

660' FSL and 660' FFL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

15. DATE SPUDDED

8/24/85

16. DATE T.D. REACHED

8/31/85

17. DATE COMPL. (Ready to prod.)

8/10/20/85

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

6886' KB

19. ELEV. CASINGHEAD

6874' GL

20. TOTAL DEPTH, MD & TVD

6245' KB

21. PLUG, BACK T.D., MD & TVD

6204' KB

22. IF MULTIPLE COMPL.,
HOW MANY*

23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0 - TD

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

6149 - 57' KB, 2/ft. Semilla

5169 - 5324' KB, 19 holes, Upper Gallup

5517 - 5674' KB, 15 holes, Gallup

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Gamma Ray Correlation Log, IES Induction, Compensated Density

27. WAS WELL CORED

No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24 #/ft. J-55	218' KB	12-1/4"	170 sx Class B, 3% CaCl ₂	200.6 cu. ft.)
4-1/2"	10.5 #/ft. J-55	6245' KB	7-7/8"	360 sx Class H, 2% gel (4	24.3 cu. ft.)
				175 sx Class B 2% D-79 (3	50.5 cu. ft.)
				100 sx Class H 2% gel, (1	3 cu. ft.)

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	5705' KB	

31. PERFORATION RECORD (Interval, size and number)

6149' - 57' KB, 16 holes; 5517, 5524, 5528,
5533, 5586, 5598, 5609, 5651, 5652, 5653,
5656, 5657, 5659, 5670, 5674, 15 holes;
5169, 5192, 5197, 5198, 5203, 5218, 5229,
5235, 5244, 5253, 5260, 5263, 5270, 5271,

33. 5277, 5295, 5307, 5311, 5324, 19 holes PRODUCTION

286 Bbls (over)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6149 - 6157	Maxi-G-74 gel oil, 646 Bbls Oil, 15,000 # 20/40 sand
5517 - 5674'	75 Quality Foam, 80,250 # 20/40 750,000 SCF N ₂ , 80,000 # 20/40

DATE FIRST PRODUCTION

10/27/85

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

Flowing

WELL STATUS (Producing or
shut-in)

Producing

DATE OF TEST

10/28/85

HOURS TESTED

24

CHOKE SIZE

3/4"

PROD'N. FOR
TEST PERIOD

128

OIL—BBL.

GAS—MCF

WATER—BBL.

258M

GAS-OIL RATIO

781

FLOW. TUBING PRESS.

150

CASING PRESSURE

450

CALCULATED
24-HOUR RATE

OIL—BBL.

128

GAS—MCF.

100

WATER—BBL.

258M

OIL GRAVITY-API (CORR.)

42

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vented

TEST WITNESSED BY

Tim Merilatt

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE Operations Manager

DATE 10/28/85

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POKOUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Semilla	6149	6157	Oil/Gas
Gallup	5517	5674	Oil/Gas
Upper Gallup	5169	5324	Oil/Gas
28. Cement:	335 sx Class B 28 D-79 (690.1 cu. ft.)		
	50 sx Class H 28 gel (59 cu. ft.) (3 stage job)		
32. Frac:	5169 - 5324', 70 Quality foamed oil		
	78,500# 20/40 sand		
	402 Bbls oil.		
32. Squeeze:	Perfed 5204 and 4950, 2 holes		
	Squeezed with 100 sx Class H ((118 cu. ft.)		
	35 sx Class H (41.3 cu. ft.)		

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	1722	
Kirtland	1905	
Fruitland	2062	
Pictured Cliffs	2160	
Lewis	2275	
Chacra	2980	
Cliffhouse	3690	
Menefee	3724	
Point Lookout	4346	
Mancos	4554	
Gallup	5406	
Sanostee	6031	
Semilla	6149	