

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

Form C-105
Revised 10-1-78

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No.	
LG 3496	

1. TYPE OF WELL

2. TYPE OF COMPLETION

OIL WELL ☒ GAS WELL ☐ DRY ☐

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐

PLUG BACK ☐ DIFF. RESVR. ☐

OTHER

OTHER

6. Unit Agreement Name

8. Farm or Lease Name

Yucca Com

9. Well No.

1

10. Field and Pool, or Willcat

Dufers Point Gallup Dak.

3. Name of Operator

Merrion Oil & Gas Corporation

4. Address of Operator

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

5. Location of Well

UNIT LETTER H LOCATED 1850 FEET FROM THE North LINE AND 790 FEET FROM

THE East LINE OF SEC. 2 TWP. 25N RGE. 9W NMPM

12. County

San Juan

15. Date Spudded

12/14/85

16. Date T.D. Reached

12/22/85

17. Date Compl. (Ready to Prod.)

1/15/86

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

6494' KB

19. Elev. Casinghead

6481' GL

20. Total Depth

6792' KB

21. Plug Back T.D.

6751' KB

22. If Multiple Compl., How Many

23. Intervals Drilled By

Rotary Tools

Cable Tools

0 - TD

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

6572' - 6368' KB, Dakota

4606 - 5319' KB, Upper Mancos

5497 - 5866' KB, Gallup

25. Was Directional Survey Made

No

26. Type Electric and Other Logs Run

GR-CCL Log, IES Induction and Compensated 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"	24 #/ft. J-55	223' KB	12-1/4	170 sx Class B 3% CaCl ₂ (200 6)	
4-1/2"	10.5 #/ft. K-55	6792' KB	7-7/8"	500 sx Class H, 2% gel (610)	
				765 sx Class B, 2% Chem. Ext. (1575 9)	
				100 sx Class H, 2% gel (122) (2 stage job)	

29. LINER RECORD

30. TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	6298' KB	

31. Perforation Record (Interval, size and number)

6368 - 76', 6382 - 84', 6396 - 98', 6465 - 72'

6559 - 62', 6569 - 72', 1PF.

5497, 5511, 5542, 5560, 5564, 5568, 5594, 5616,

5622, 5632, 5678, 5688, 5692, 5712, 5727, 5738,

5784, 5786, 5800, 5807, 5838, 5842, 5856, 5860,

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6368 - 6572' KB	Slickwater Frac, 2595 Bbls
	Water, 100,000# 40/60 Sand
5497 - 5866' KB	Slickwater Frac, 150,000 # 20/40
	Sand, 2824 Bbls water

33. 5866, 25 shots. on back

PRODUCTION

Date First Production

1/18/86

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

Flowing

Well Status (Prod. or Shut-in)

Producing

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
1/25/86	24	3/4		47	980	171 (Frac water)	20,851
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
700	1000		47	980	171	40	

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 information shown on both sides of this form is true and complete to the best of my knowledge and belief.

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 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 _____ 1130	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____ 1298	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____ 1910	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____ 3560	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____ 3585	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____ 4354	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____ 4640	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____ 5500	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____ 6285	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____ 6555	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. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ 4606	to _____ 5319	No. 4, from _____	to _____
No. 2, from _____ 5497	to _____ 5866	No. 5, from _____	to _____
No. 3, from _____ 6368	to _____ 6572	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
31. Perfs:	4606, 4613, 4616, 4625, 4628, 4630,	4638, 4640, 4658, 4665, 4686, 4703, 5187, 5204,					
	5220, 5224, 5230, 5236, 5240, 5245, 5253, 5266,	5272, 5314, 5319. 25 holes.					
32. Frac:	4606 - 5319' KB: Slick Water Frac.	Total Sand 105,750# 20/40. 2126 Bbls water.					