

Submit to Appropriate
District Office
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

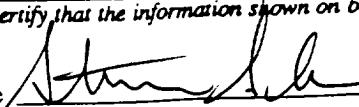
State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

cc: 6 OGD, Aztec
1 Well File
1 Pitco, Bruce Locke Form C-105
Land
2 Acct

Revised 1-1-89

WELL API NO. 30-031-20522
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. V-1621

WELL COMPLETION OR RECOMPLETION REPORT AND LOG					
1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____				7. Lease Name or Unit Agreement Name State 2-16-19-5	
b. Type of Completion: NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DEEP RESVR ☐ OTHER ☐ Re-Entry					
2. Name of Operator Merrion Oil & Gas Corporation				8. Well No. #2	
3. Address of Operator P. O. Box 840, Farmington, NM 87499				9. Pool name or Wildcat Papers Wash Entrada	
4. Well Location Unit Letter H : 2310' Feet From The North Line and 330' Feet From The East Line Section 16 Township 19N Range 5W NMPM McKinley County					
10. Date Spudded 10-3-77	11. Date T.D. Reached 12-4-90	12. Date Compl. (Ready to Prod.) 12-9-90	13. Elevations (DF & RKB, RT, GR, etc.) 5676' GL, 5690' RKB	14. Elev. Casinghead	
15. Total Depth 5383' KB	16. Plug Back T.D. 5235' KB	17. If Multiple Compl. How Many Zones? --	18. Intervals Drilled By 0 - TD	19. Producing Interval(s), of this completion - Top, Bottom, Name 5184' - 5383' Entrada	
21. Type Electric and Other Logs Run Gamma Ray Correlation Collar Log				20. Was Directional Survey Made no	
22. Was Well Cored no					
23. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	205'	13-3/4"	200 sx Cl "B"	
7"	20 & 23#	5373'	8-3/4"	955 sx (2 stages)	
24. LINER RECORD					
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	
25. TUBING RECORD					
SIZE	DEPTH SET	PACKER SET			
3 1/2	5100' 2850				
26. Perforation record (interval, size, and number) 5184' - 5190' KB 2 JSPF 12 holes					
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL JAN 17 1991 OIL CON. DIV DIST. 3					
28. PRODUCTION					
Date First Production 12-6-90		Production Method (Flowing, gas lift, pumping - Size and type pump) Swab test			
Date of Test 12-7-90	Hours Tested 4	Choke Size N/A	Prod'n For Test Period 28	Oil - Bbl. 0	Gas - MCF 0
Flow Tubing Press. 0	Casing Pressure 0	Calculated 24-Hour Rate 168	Oil - Bbl. 0	Gas - MCF 1542	Water - Bbl. 257
29. Disposition of Gas (Sold, used for fuel, vented, etc.) N/A					Gas - Oil Ratio 0
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 		Printed Name Steven S. Dunn		Title Operations Mgr Date 1-11-91	

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 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	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House 770'	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee 816'	T. Madison
T. Queen	T. Silurian	T. Point Lookout 1980'	T. Elbert
T. Grayburg	T. Montoya	T. Mancos 2094' 2080'	T. McCracken
T. San Andres	T. Simpson	T. Gallup 2915'	T. Ignacio Otzte
T. Glorieta	T. McKee	Base Greenhorn 3948'	T. Granite
T. Paddock	T. Ellenburger	T. Dakota 4143'	T.
T. Blinebry	T. Gr. Wash	T. Morrison 4261'	T.
T. Tubb	T. Delaware Sand	T. Todilto 5118'	T.
T. Drinkard	T. Bone Springs	T. Entrada 5178'	T.
T. Abo	T.	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.....5184'.....to.....5190'.....
No. 2, from.....to.....
No. 3, 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 (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology

WELL: STATE 16-2

WELLBORE SCHEMATIC MERRION OIL AND GAS CORP.

ENG: G.F.S. DRFT: M.E.G.

DATE: 1/15/91

LOCATION:

2310' FNL & 330' FEL
SECTION 16, T19N, R5W
MC KINLEY, NEW MEXICO

ARTIFICIAL LIFT:

MOTOR: 40 HP 900V REDA
BH PUMP: 83 STG DN-1750 REDA
TBG: 3 1/2", 9.3 #/FT,
PUMP DEPTH: $\pm$ 3100

ELEVATION

GL: 5676'
KB: 5690'

FORMATION TOPS:

PACKERS & PLUGS:

LYNES OPEN HOLE PACKER
AT 2729'

SQUEEZED PERFORATIONS:

ENTRADA PERFS:
5161'-63'
5170'-72'
5179'-85'

OPEN PERFORATIONS:

OPEN ENTRADA PERFS:
5184'-90'

STIMULATION:

SURFACE CASING:

HOLE SIZE: 13 3/4"
CSG SIZE: 9 5/8", 36 #/FT
DEPTH: 205'
CMT DETAILS: 200 SX CLASS "B"
WITH 2% CaCl

TOC: SURFACE
BY: CIRCULATE

PRODUCTION CASING:

HOLE SIZE: 8 3/4"
CSG SIZE: 7", 20 #/FT
DEPTH: 3665'
CSG SIZE: 7", 23 #/FT
DEPTH: 5373'
CMT DETAILS:

1ST STAGE: 385 SX 65/35 POZ,
6% GEL, 10#/SK GILS.
100 SX "B" W/10% SALT

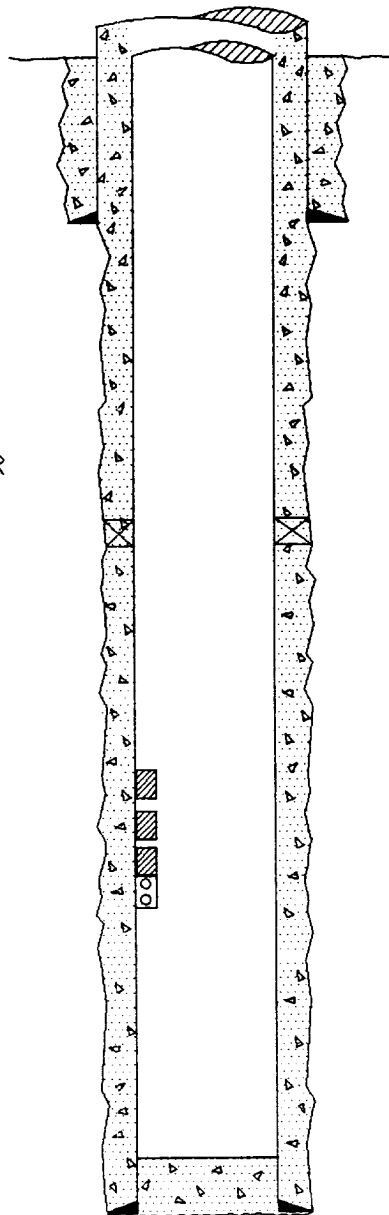
DV TOOL @ 2687'

2ND STAGE: 370 SX 65/35 POZ,
6% GEL, 10#/SK GILS
100 SX B W/10% SALT

TOC: SURFACE
BY: CIRCULATE

DEPTHS

PBTD: 5325'
TD: 5383'



<u>CAPACITIES:</u>	<u>BBL/FT</u>	<u>FT/BBL</u>	<u>FT3/FT</u>
TBG:	.0087	115.0	.04883
CSG:	.0393	25.4	.2210
TBG/CSG ANNULUS:	.0286	35.0	.1605