

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

CO: 6 OCB, Aztec
1 Well File
1 Land Form C-105
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 _____

b. Type of Completion:
NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☒ OTHER Re-entry

2. Name of Operator
MERRION OIL & GAS CORPORATION

3. Address of Operator
P. O. Box 840, Farmington, NM 87499

7. Lease Name or Unit Agreement Name
State 2-16-19-5

8. Well No.
#2

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.)
1/23/91

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
Rotary Tools
0-TD

19. Producing Interval(s), of this completion - Top, Bottom, Name
5184' - 5383' KB Entrada

20. Was Directional Survey Made
no

21. Type Electric and Other Logs Run
Gamma Ray Correlation Collar Log

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'	12-3/4"	200 sx cl "B"	
7"	20#	3665'	8-3/4"	955 sx cl "B" 2 stage	
7"	23#	5373'	8-3/4"		

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
3-1/2"	2914'	2729'

26. Perforation record (interval, size, and number)
5184' - 5190' KB 2 JSPF 12 holes

27. ACID, SHOT, FRACTURE CEMENT, SQUEEZE, ETC.
DEPTH INTERVAL

RECEIVED
JUL 10 1991

28. PRODUCTION

Date First Production
1/23/91

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

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
1/24/91	24			40	0	1275	0

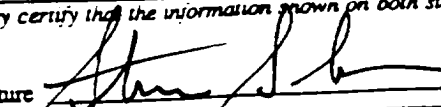
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)
0	0		40	0	1275	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)
N/A

Test Witnessed By
Carl Merilatt

30. List Attachments
Wellbore Schematic

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 7/7/91

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

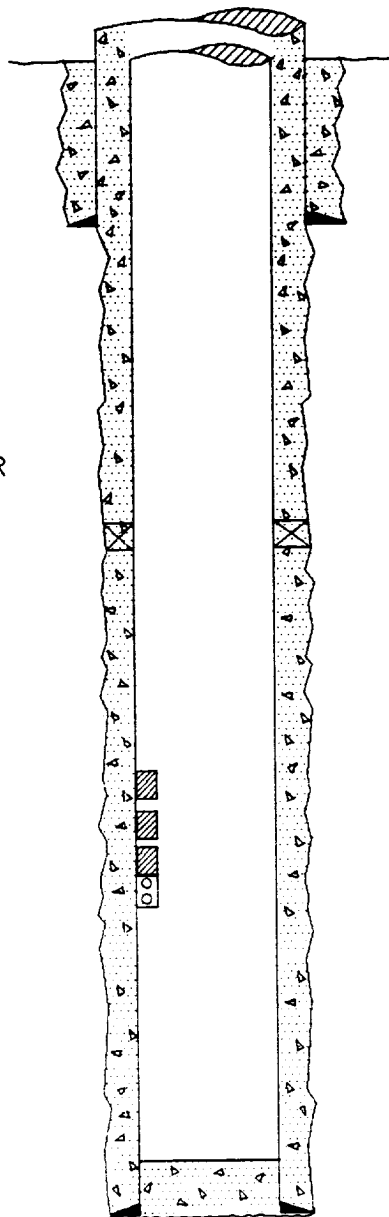
DV TOOL @ 2687'

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>3BL/FT</u>	<u>FT/3BL</u>	<u>FT3/FT</u>
TBG:	.0087	115.0	.04883
CSG:	.0393	25.4	.2210
TBG/CSG ANNULUS:	.0286	35.0	.1605