

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 88213

DISTRICT III
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-105
Revised 1-1-89

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO.
30-015-32415

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
OG-5909-1

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 ☐

7. Lease Name or Unit Agreement Name

Esperanza 14 State Com

2. Name of Operator
Mewbourne Oil Company 14744

8. Well No.
1

3. Address of Operator
PO Box 5270, Hobbs, N.M. 88241

9. Pool name or Wildcat
Burton Flat Morrow

4. Well Location
Unit Letter M 685 Feet From The South Line and 660 Feet From The West Line
Section 14 Township 21S Range 27E NMPM Eddy County

10. Date Spudded 12/14/02 11. Date T.D. Reached 01/22/03 12. Date Compl. (Ready to Prod.) 02/07/03 13. Elevations (DF & RKB, RT, GR, etc.) 3244' GL 14. Elev. Casinghead 3244'

15. Total Depth 11870' 16. Plug Back T.D. 11719 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By Rotary Tools ☒ Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name 11342-11528' Morrow 20. Was Directional Survey Made No

21. Type Electric and Other Logs Run DLL w/ Micro, DN w/ GR & CBL 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
13 3/8"	48	420'	17 1/2"	200 sk filler & 200 sk 'C'	N/A
8 5/8"	32	2598'	12 1/4"	1400 sk filler & 200 'C'	N/A
5 1/2"	17	11870'	7 7/8"	900 sk filler & 425 sk 'H'	N/A

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2 7/8"	11249
						11230

26. Perforation record (interval, size, and number) 11342-11528'. 2spf. 120 - .47" EHD	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	11342-528'	1500 gals 7 1/2% HCL.
		89k 70Q Foam using 86k# 20-40 Inter-prop

28. PRODUCTION

Date First Production 02/07/03		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing	
Date of Test 02/10/03	Hours Tested 24	Choke Size 16/64"	Prod'n For Test Period	Oil - Bbl. 2	Gas - MCF 881	Water - Bbl. 43	Gas - Oil Ratio 440500
Flow Tubing Press. 930	Casing Pressure 50	Calculated 24-Hour Rate	Oil - Bbl. 2	Gas - MCF 881	Water - Bbl. 43	Oil Gravity - API - (Corr.) 49	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold Test Witnessed By D. Parsons

30. List Attachments
Deviation Survey, E-Logs & C-104

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 N.M. Young Printed Name N.M. Young Title District Manager Date 02/22/03

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 specific 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 <u>10261.0</u>	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka <u>10750.0</u>	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand <u>3099.0</u>	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs <u>5384.0</u>	T. Entrada _____	T. _____
T. Abo _____	T. Morrow <u>11310.0</u>	T. Wingate _____	T. _____
T. Wolfcamp <u>8958.0</u>	T. Barnett <u>11723.0</u>	T. Chinle _____	T. _____
T. Penn _____	T. TD <u>11870.0</u>	T. Permain _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, 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

From	To	Thickness in Feet	Lithology

Mewbourne Oil Company
Esperanza '14' State Com. #1
Unit M, Sec. 14, T21S-R27E
685' FSL & 660'FWL; (G.L.-3242', K.B.-3260')
Eddy Co., N.M.
30-015-32415
GEOLOGICAL TOPS PER/BRYAN G. ARRANT-OCD

Capitan Limestone	632'
Delaware Sands	3099'
Bone Spring	5397'
1st Bone Spring Sand	6610'
2nd Bone Spring Sand	7357'
3rd Bone Spring Sand	8714'
Wolfcamp	8958'
Strawn	10248'
Atoka	10550'
Morrow Clastics	11310'
Barnett Shale	11732'

OPERATOR: MEWBOURNE OIL CO.
WELL/LEASE: ESPERANZA 14 ST. COM. 1
COUNTY: EDDY

048-0014

STATE OF NEW MEXICO
DEVIATION REPORT

222	1/4	9,490	1 3/4
375	0	9,609	2
869	1/4	9,702	2
1,379	2	9,860	1 3/4
1,475	2 1/2	9,985	1 1/2
1,570	2 1/4	10,234	1 1/2
1,666	2 1/4	10,487	2
1,794	2	10,982	2
1,888	2 1/4	11,263	1 1/2
1,985	1 3/4	11,732	3
2,079	1 3/4	11,870	3
2,526	3/4		
3,035	1 1/4		
3,525	1 1/4		
3,992	1/2		
4,467	1/2		
4,977	1		
5,489	1 1/2		
5,741	1 1/4		
6,250	1 3/4		
6,475	1 3/4		
6,697	2		
6,793	1 3/4		
7,016	2		
7,207	1 1/4		
7,655	3		
7,750	3		
7,846	3		
7,942	3 1/4		
8,036	3		
8,131	3 3/4		
8,226	3 3/4		
8,292	4		
8,370	4		
8,433	4 1/4		
8,495	3 3/4		
8,559	3 1/2		
8,623	3 3/4		
8,687	3 1/4		
8,750	3 1/4		
8,813	3 1/4		
8,891	2 1/2		
8,955	2 1/2		
9,019	2		
9,113	1 3/4		
9,225	2 1/4		
9,271	2		
9,364	1 1/2		



By: *Steve Moore*

STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 30th day of January, 2003, by Steve Moore on behalf of Patterson-UTi Drilling Company LP, LLLP.

Joni D. Hodges
Notary Public for Midland County, Texas

My Commission Expires: 3/31/2003

