

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
JAN 26 1993

Form C-105
Revised 1-1-89

WELL API NO.
30-015-27108

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

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 _____

2. Name of Operator
Fina Oil and Chemical Company

3. Address of Operator
P.O. Box 2990, Midland, TX 79702

4. Well Location
Unit Letter N: 1980 Feet From The West Line and 660 Feet From The South Line
Section 16 Township 17-S Range 29-E NMPM Eddy County

7. Lease Name or Unit Agreement Name
Muskegon 16 State Com

8. Well No.
1

9. Pool name or Wildcat
Empire South Morrow

10. Date Spudded
10/4/92

11. Date T.D. Reached
11/1/92

12. Date Compl. (Ready to Prod.)
1/11/93

13. Elevations (DF & RKB, RT, GR, etc.)
3588 DF; 3589 KB

14. Elev. Casinghead
3580'

15. Total Depth
10,905'

16. Plug Back T.D.
10,875'

17. If Multiple Compl. How Many Zones? ---

18. Intervals Drilled By
Rotary Tools
A11

19. Producing Interval(s), of this completion - Top, Bottom, Name
10,645 - 10,812, Morrow

20. Was Directional Survey Made
No

21. Type Electric and Other Logs Run
Dual laterolog, microlaterolog, gamma ray; CNL/CDL/GR; CBL

22. Was Well Cored
No

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 & 54.5	440	17 1/2"	500 sx C1 'C'	0
9 5/8"	40	2650	12 1/4"	1100 sx C1 'C' -circ	0
5 1/2"	17 & 15.5	10,905	8 3/4"	730 sx (1st Stage)	0
				1870 sx (2nd Stage)	
				DV tool @ 8800', Circ	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8 - N80	10,480	10,480

25. TUBING RECORD

26. Perforation record (interval, size, and number)

U. Morrow 10,645-47; 10,659-61;
10,675-684, 4 SPF (56 holes)
M. Morrow 10,738-10,749 w/ 4 SPF (48 holes)
L. Morrow 10,794-10,812 w/ 4 SPF (76 holes)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
10645-10684	2500gal 7 1/2% HCl; Frac w/16660#
10738-10749	2000 gal 7 1/2% HCl
10794-10812	2000 gal 7 1/2% HCl; Frac w/22,000#

28. PRODUCTION

Date First Production
11/21/92

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

Well Status (Prod. or Shut-in)
SI (WOPL)

Date of Test
12/31/92

Hours Tested
7

Choke Size
24/64

Prod'n For Test Period
TR

Oil - Bbl.
TR

Gas - MCF
1025

Water - Bbl.
0

Gas - Oil Ratio

Flow Tubing Press.
600

Casing Pressure
0

Calculated 24-Hour Rate
TR

Oil - Bbl.
TR

Gas - MCF
1025

Water - Bbl.
0

Oil Gravity - API - (Corr.)
46.3

29. Disposition of Gas (Sold, used for fuel, vented, etc.)
vented and flared

Test Witnessed By
Curtis Allen

30. List Attachments

DST for Wolfcamp; Dual laterolog/microlog; CNL/CDL; CBL; Deviation record; C-104; C-122

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

Neva Herndon

Printed Name

Neva Herndon

Title

Petrotechnical
Associate

Date 01/25/93

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	9558'	T. Ojo Alamo	T. Penn. "B"
T. Salt	---	T. Strawn	9918'	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	720	T. Atoka	10170	T. Pictured Cliffs	T. Penn. "D"
T. Yates	910	T. Miss	10822-TD	T. Cliff House	T. Leadville
T. 7 Rivers	---	T. Devonian	---	T. Menefee	T. Madison
T. Queen	1738	T. Silurian	---	T. Point Lookout	T. Elbert
T. Grayburg	---	T. Montoya	---	T. Mancos	T. McCracken
T. San Andres	2394	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	---	T. Todilto	T. _____
T. Drinkard	---	T. Bone Springs	---	T. Entrada	T. _____
T. Abo	6050	T. _____	---	T. Wingate	T. _____
T. Wolfcamp	7140	T. _____	---	T. Chinle	T. _____
T. Penn	---	T. _____	---	T. Permian	T. _____
T. Cisco (Bough C)	8772	T. _____	---	T. Penn "A"	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from	10650	to	10690	No. 3, from	N/A	to	_____
No. 2, from	10760	to	10818	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
000	400	400'	LS, Dolomite, Shale, Anhydrite				
440'	720	280'	Salt - Anhydrite				
720	910	190'	Andy., Shale, Dolomite				
910	7140	6230'	Dolomite, Some Shale, Some LS.				
7140	10170	3030'	LS, Some Dolomite, Shale				
10170	10630	460'	LS and Sandstone				
10630	10827	192'	Sandstone, LS, Shale				
10822	10905	83'	Limestone, Shale				
	TD						