

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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			

TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐

TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

Name of Operator
Enserch Exploration, Inc.

Address of Operator
P. O. Box 4815, Midland, Texas 79704

Location of Well
UNIT LETTER G LOCATED 1980 FEET FROM THE North LINE AND 1980 FEET FROM Lea

12. County
Lea

15. Date Spudded 12/25/80 16. Date T.D. Reached 5/22/81 17. Date Compl. (Ready to Prod.) 7/16/81 18. Elevations (DF, RKB, RT, GR, etc.) 3347' GR 19. Elev. Casinghead 3348'

20. Total Depth 17,500' 21. Plug Back T.D. 14,965' 22. If Multiple Compl., How Many -- 23. Intervals Drilled By Rotary Tools Cable Tools All

24. Producing Interval(s), of this completion - Top, Bottom, Name
14,763'-72', 25. Was Directional Survey Made No

26. Type Electric and Other Logs Run
DIL/GR, FDC/CNL/GR, DLL/MSFL, Sonic with GR, CBL 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
30" Conductor Pipe		23'	36"		
20"	94#	388'	26"	915 sx. - Circulated	
13-3/8"	72#	5,606'	17-1/2"	5450 sx. - Circulated	
10-3/4"	60.7# & 65.7#	13,249'	12-1/4"	2642 sx.	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
7-3/4"	12,880'	16,849'	700 sx.	
5"	16,437'	17,449'	200 sx.	

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8"	14,650'	14,650'

31. Perforation Record (Interval, size and number)
17,366'-416', 30 holes, .31" size
16,941'-17,008', 30 holes, .25" size
14,763'-72', 18 holes, .31" size

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
<u>14,763'-72'</u>	<u>4000 gals. 7 1/2% Halliburton Morrow Flow BC acid; 31,500 gals. Versa-gel 1500, 10,500 SCF CO2 and 27,675# 20/40 super prop</u>

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in)
<u>7/16/81</u>	<u>Flowing</u>	<u>Shut-in</u>
Date of Test <u>7/20/81</u>	Hours Tested <u>24</u>	Choke Size <u>12/64"</u>
Flow Tubing Press. <u>1385#</u>	Casing Pressure <u>Packer</u>	Calculated 24-Hour Rate <u>25</u>
Oil - Bbl. <u>25</u>		Gas - MMCF <u>1.4 MMCF</u>
Water - Bbl. <u>--</u>		Gas - Oil Ratio <u>56,000/1</u>
Oil Gravity - API (Corr.) <u>45.7</u>		

34. Disposition of Gas (Sold, used for fuel, vented, etc.)
Vented during test Test Witnessed By
S. D. Reed & M. V. Selz

35. List of Attachments
Deviation Record, Logs, DST Charts, Plat

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.

SIGNED H. F. Burnett TITLE Production Superintendent DATE 7/24/81

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

T. Anhy 897' T. Canyon _____
 T. Salt _____ T. Strawn 13,456'
 B. Salt _____ T. Atoka 13,921'
 T. Yates _____ T. Miss 16,752'
 T. 7 Rivers _____ T. Devonian _____
 T. Queen _____ T. Silurian 17,301'
 T. Grayburg _____ T. Montoya _____
 T. San Andres _____ T. Simpson _____
 T. Glorieta _____ T. McKee _____
 T. Paddock _____ T. Ellenburger _____
 T. Blinbry _____ T. Gr. Wash _____
 T. Tubb _____ T. Granite 5407'
 T. Drinkard _____ T. Delaware Sand 9546'
 T. Abo _____ T. Bone Springs 15,903'
 T. Wolfcamp 12,563' T. Barnett _____
 T. Penn. _____ T. _____
 T. Cisco (Bough C) _____ T. _____

Northwestern New Mexico

T. Ojo Alamo _____ T. Penn. "B" _____
 T. Kirtland-Fruitland _____ T. Penn. "C" _____
 T. Pictured Cliffs _____ T. Penn. "D" _____
 T. Cliff House _____ T. Leadville _____
 T. Menefee _____ T. Madison _____
 T. Point Lookout _____ T. Elbert _____
 T. Mancos _____ T. McCracken _____
 T. Gallup _____ T. Ignacio Qtzite _____
 Base Greenhorn _____ T. Granite _____
 T. Dakota _____ T. _____
 T. Morrison _____ T. _____

No. 1, from 14,763' to 14,772' OIL OR GAS SANDS OR ZONE
 No. 2, from _____ to _____
 No. 3, from _____ to _____
 No. 4, from _____
 No. 5, from _____
 No. 6, from _____

IMPORTANT WATER SAND:

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____
 No. 2, from _____ to _____
 No. 3, from _____ to _____
 No. 4, from _____ to _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
400'	897'	497'	Red Shale & Sand	11,546	11,700	154'	Limestone
897'	5407'	4510'	Anhydrite & Salt	11,700	11,980	280'	Black Shale & Lime
5407'	6180'	773'	Sandstone	11,980	12,570	590'	Sand, Shale & Lime
6180'	6720'	540'	Sandstone, Lime & Shale	12,570	13,360	790'	Black Shale & Lime
6720'	7840'	1120'	Sandstone	13,360	14,120	760'	Black Shale
7840'	9126'	1286'	Sandstone, Lime & Shale	14,120	15,460	1340'	Sand, Shale & Lime w/scattered Chert
9126'	9660'	534'	Black Shale w/scattered sands & lime	15,460	16,784	1324'	Black Shale
9660'	10,220'	560'	Limestone w/scattered Chert	16,784	17,196	412'	Cherty Limestone
10,220'	10,770'	550'	Black Shale	17,196	17,310	114'	Black Shale
10,770'	11,546'	776'	Black Shale & Lime	17,310	17,500	190'	Lime & Dolomite

14763-14772

OPER. OGRID NO. 7429
 PROPERTY NO. 16151
 POOL CODE 76530
 EFF. DATE 7-16-81
 API NO. 30-025-27082

*Pool not eff
until 10-1-81*

RECEIVED

JUL 27 1981

OIL CONSERVATION DIV

NEW MEXICO WELL INCLINATION REPORT

Operator: Enserch Exploration, Inc.
Well Name: T. G. Bates #1
County: Lea County, New Mexico
Drilling Contractor: Loffland Brothers

<u>DEPTH</u>	<u>DEVIATION</u>
120'	1/2°
225	1
308	1 1/4
368	3/4
1202	1
1712	1/2
2689	1 1/4
3567	1 3/4
3921	1
4444	1
4830	1 1/2
5197	1
5566	3/4
5923	2
6350	1
6850	1/2
7350	1/2
7925	1/2
8362	1/2
9100	1 1/4
9340	1 1/4
9838	1
10,354	1 1/4
10,851	1 1/2
11,353	1 1/4
11,838	1
12,352'	1/2°



C. L. Horn, Engineer
LOFFLAND BROTHERS COMPANY

July 20, 1981



NOTARY PUBLIC
Comal COUNTY, TEXAS

COMMISSION EXPIRES: 9.26.84