

STATE OF NEW MEXICO
OIL AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

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WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

MAY 14 1982

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

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

Name of Operator
Enserch Exploration, Inc. ☒

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

Location of Well

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

Name of Operator
Enserch Exploration, Inc. ☒

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

Location of Well

NEAREST LETTER L LOCATED 2130 FEET FROM THE South LINE AND 660 FEET FROM

West LINE OF SEC. 31 TWP. 7S RGE. 29E NMPM

Date Spudded 1/27/82 16. Date T.D. Reached 3/13/82 17. Date Compl. (Ready to Prod.) 5/4/82 18. Elevations (DF, RKB, RT, GR, etc.) 4047.9' GR 19. Elev. Casinghead 4049.6'

Total Depth 6950' 21. Plug Back T.D. 6815' 22. If Multiple Compl., How Many -- 23. Intervals Drilled By Rotary Tools All Cable Tools

Producing Interval(s), of this completion - Top, Bottom, Name 6761'-68', Pennsylvanian 25. Was Directional Survey Made No

Type Electric and Other Logs Run DLL/MS and CNL (cased hole) 27. 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#	350'	17-1/2"	240 sx. Circulated	
9-5/8"	36#	2785'	12-1/4"	1170 sx. Circulated	
5-1/2"	15.5#	6949'	3-3/4"	675 sx.	

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	6644'	--

Perforation Record (Interval, size and number)
6878'-84', 14 holes, .42" size
CIBP set at 6850' w/35' cement on top
6761'-68', 14 holes, .42" size

ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL
6878'-84'
6761'-68'
AMOUNT AND KIND MATERIAL USED
150 gals. 7 1/2% MCA Acid
2000 gals. 15% HCL NEFE Acid
40,000 gals. HOWCO acid gel +
35,000# 20/40 sand

PRODUCTION
Date First Production 3-30-82 Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing Well Status (Prod. or Shut-in) Shut-In

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
<u>5/7/82</u>	<u>24</u>	<u>12/64"</u>	<u>Trace</u>	<u>Trace</u>	<u>220</u>	<u>6</u>	

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)
<u>300#</u>	<u>600#</u>	<u>Trace</u>	<u>Trace</u>	<u>220</u>	<u>6</u>	<u>58.9</u>

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

List of Attachments Deviation Record, Logs, Plat

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. Bennett TITLE Production Superintendent DATE 5/12/82

Posted ID-2
5-28-82
Comp. + BK

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

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 _____ 803'	T. Miss _____ 6804'	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 _____ 1936'	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____ 3191'	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____ 4585'	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____ 5326'	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____ 5998'	T. Fusselman _____ 6870'	T. Chinle _____	T. _____
T. Penn _____ 6431'	T. 3 Brothers _____ 6333'	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ 6761' to _____ 6768'	No. 4, from _____ to _____
No. 2, from _____ to _____	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, 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	_____
No. 4, from _____ to _____ feet	_____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
1936'	3191'	1255'	Dolomite & Anhydrite				
3191'	4585'	1394'	Dolomite, Shale & Sand				
4585'	5326'	741'	Shale, Sand, Thin Limestones & Siltstones				
5326'	5998'	672'	Red & Green Shales w/Thin Sands				
5998'	6431'	433'	Brown Limestone				
6431'	6804'	373'	Limestone, Sand & Black Shales				
6804'	6870'	66'	Chalky Limestone				
6870'	6950'	80'	Sucrosic Dolomite				
(T.D.)							

STATE OF NEW MEXICO

Deviation Report

Operator: ENSERCH EXPLORATION, INC.
Contractor: REPUBLIC DRILLING AND SERVICE, INC.
Well: J. G. O'Brian #4
County: Chaves County, New Mexico

<u>Deviation</u>	<u>Depth</u>
.25°	984'
1.00°	2,046'
.75°	2,800'
1.00°	3,803'
1.00°	4,812'
.75°	5,128'
1.00°	5,874'
1.75°	6,950'

REPUBLIC DRILLING AND SERVICE, INC.

By: J.B. Mayfield

State of Texas
County of Harris

The foregoing instrument was acknowledged before me this 7th day of May, 1982.

Witness my hand and official seal.

Edna M. Bradley
Edna M. Bradley