

[illegible]

AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION

Santa Fe, New Mexico

RECEIVED

FEB 1 1954

WELL RECORD OIL CONSERVATION COMMISSION

HOBBS-OFFICE

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE.

J. H. Elder et al

(Company or Operator)

Ralph A. Shugart

(Lease)

Well No. **4**, in **Lot 4** 1/4 of 1/4, of Sec. **1**, T. **21-S**, R. **33-E**, NMPM.

Lynch

Pool,

Lea

..County.

Well is 330 feet from West line and 330 feet from North line.

of Section 1 If State Land the Oil and Gas Lease No. is B-11476-1

Drilling Commenced.....**December 9**....., 19**53**... Drilling was Completed.....**January 14**....., 19**54**.....

Name of Drilling Contractor.....**Sidwell & Imler**.....

Address.....**Midland, Texas**.....

Elevation above sea level at Top of Tubing Head.....**3795**..... The information given is to be kept confidential until
..... 19.....

OIL SANDS OR ZONES

No. 1, from 3766 to 3770 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 130 to 140 feet.

No. 2, from.....to.....feet.

No. 3, from.....to.....feet.

No. 4, from _____ to _____ feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13-3/8"	68#	Used	135	Tex pattern	depth		
10-3/4"	42#	Used	795	" "	depth		
8-5/8"	32#	Used	1243	@ "	depth		

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
8"	5-1/2"	3739	850	Circulated to top		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Natural well - none used

Result of Production Stimulation.....

..Depth Cleaned Out.....

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from.....feet to.....feet, and from.....feet to.....feet.
Cable tools were used from.....0.....feet to.....3770.....feet, and from.....feet to.....feet.

PRODUCTION

Put to Producing.....January 27....., 1954.....

OIL WELL: The production during the first 24 hours was.....91.....barrels of liquid of which.....100.....% was
was oil;% was emulsion;% water; and.....% was sediment. A.P.I.
Gravity.....30.....

GAS WELL: The production during the first 24 hours was.....M.C.F. plus.....barrels of
liquid Hydrocarbon. Shut in Pressure.....lbs.

Length of Time Shut in.....

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico

T. Anhy.....1680
T. Salt.....1815
B. Salt.....3370
T. Yates.....3527
T. 7 Rivers.....3760
T. Queen.....
T. Grayburg.....
T. San Andres.....
T. Glorieta.....
T. Drinkard.....
T. Tubbs.....
T. Abo.....
T. Penn.....
T. Miss.....

T. Devonian.....
T. Silurian.....
T. Montoya.....
T. Simpson.....
T. McKee.....
T. Ellenburger.....
T. Gr. Wash.....
T. Granite.....
T.....
T.....
T.....
T.....
T.....

Northwestern New Mexico

T. Ojo Alamo.....
T. Kirtland-Fruitland.....
T. Farmington.....
T. Pictured Cliffs.....
T. Menefee.....
T. Point Lookout.....
T. Mancos.....
T. Dakota.....
T. Morrison.....
T. Penn.....
T.....
T.....
T.....

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	15	15	Caliche	1845	1890	45	Anhydrite & Salt
15	124	109	Sand	1890	3181	1291	Red Shale, Anhydrite shell
124	138	14	Sand, Gravel, Water				Salt, Potash, Red Rock
138	220	82	Red Rock	3181	3205	24	Anhydrite
220	275	55	Red Shale	3205	3265	60	Salt
275	310	35	Grey Shale	3265	3320	55	Salt & Shale
310	325	15	Sand	3320	3370	50	Salt & Shale Anhydrite
325	965	640	Red Rock, Red Bed, Red Shale	3370	3400	30	Anhydrite
965	1010	45	Red Rock & Sand	3400	3430	30	Lime
1010	1025	15	Sand	3430	3455	25	Lime & Anhydrite
1025	1055	30	Red Rock	3455	3540	85	Lime
1055	1110	55	Red Rock & Sand	3540	3565	25	Broken Lime & Shale
1110	1120	10	Sandy Shale	3565	3590	25	Lime & Shale
1120	1150	30	Red Shale	3590	3615	25	Broken Lime
1150	1300	150	Red Rock	3615	3635	20	White Lime
1300	1350	50	Shale Sandy	3635	3660	25	Brown Lime
1350	1365	15	Red Rock, Sandy	3660	3670	10	Lime
1365	1400	35	Sandy Red Rock	3670	3682	12	White Lime
1400	1445	45	Sandy Shale	3682	3690	8	Brown Lime
1445	1530	85	Red Sandy Shale	3690	3710	20	Shale & Lime Shells
1530	1665	135	Red Shale	3710	3725	15	Lime
1665	1680	15	Red Sandy Shale	3725	3740	15	Sandy Lime
1680	1825	145	Anhydrite	3740	3770	30	Lime
1825	1845	20	Salt	3770	TD		

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far
as can be determined from available records.

.....January 28, 1954.....(Date)
Company or Operator.....J. H. Elder et al.....Address.....Box 950, Midland, Texas.....
Name.....Position or Title.....Co-Owner.....