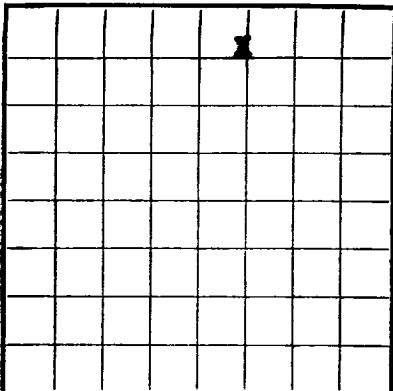




LOCATE WELL CORRECTLY

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **MM 01744**
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Great Western Drilling Company** Address **Box 1659, Midland, Texas**
Lessor or Tract **Federal "M" Well #1** Field **Wildcat** State **New Mexico**
Well No. **1** Sec. **8** T. **9-S** R. **37-E** Meridian **NMPM** County **Lea**
Location **660** ft. **MM** of **N** Line and **1980** ft. **MM** of **E** Line of **Sec. 8** Elevation **4038**
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon
so far as can be determined from all available records.

Signed **O. H. Crews** O. H. CrewsDate **February 14, 1961** Title **Administrative Coordinator**

The summary on this page is for the condition of the well at above date.

Commenced drilling **November 21,** 19 **60** Finished drilling **January 11,** 19 **61**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **9671** to **9673** No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from **None Recorded** to **None Recorded** No. 2, from **None Recorded** to **None Recorded**
No. 3, from **None Recorded** to **None Recorded** No. 4, from **None Recorded** to **None Recorded**

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	From—	To—	Purpose
10-3/4	32	8R	Nat.	407	Tex. Pat.	None			
7-5/8	26	8R	Nat.	428	Float	None			
4-1/2	9.5	8R	Nat.	9719	Float	None	9671	9673	Test. Prod.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	422	350	Pump & plug	9.8	350 bbl.
7-5/8	4298	700 plus 300 Poz. 77 gal.	Pump & Plug	9.6	410 bbl.
4-1/2	9731	100	Pump & Plug	9.4	490 bbl.

PLUGS AND ADAPTERS

Heaving plug—Material **None** Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
None						
Used	250 gal. of Mud acid					

TOOLS USED

Primary tools were used from **0** feet to **9733** feet, and from _____ feet to _____ feet
Casing tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing **February 8,** 19 **61**

The production for the first 24 hours was **210** barrels of fluid of which **47** % was oil; _____ %
emulsion; **13** % water; and _____ % sediment. Gravity, °Bé. **41**

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

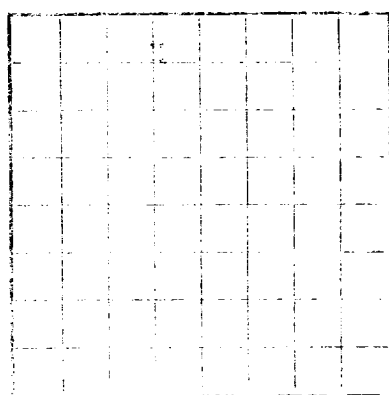
_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	225	225	Sand and caliche
225	2270	2045	Sand and red beds
2270	2343	73	Anhydrite— top of anhydrite
2343	2868	525	Salt - Top of Yates
2868	4145	1277	Sand, anhy. and shale.
4145	5010	865	Dolomite and anhydrite - Top of S.A.
5010	5554	544	Lime
5554	6941	1387	Lime, dolomite, anhy. sand, shale, Top of Glorieta
6941	7704	763	Dol. anhy. and sand Top of Tubbs
7704	9070	1366	Shale, dolo. and sand, chert. Top of Abo.
9070	9398	328	Lime, shale, chert, sand. Top of Wolfcamp lime.
9398	9573	175	Lime and shale - Top of Three Bros.
9573	9602	29	Lime and shale - Top of Bough "A"
9602	9659	57	Lime and shale Top of Bough "B"
9659	9733	74	Lime and shale - Top of Bough "C"
	T.D.		
	9725 P.B.T.D.		

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

Company Name: Continental Oil Company
Address: 1000 North 1st Street, Tulsa, Oklahoma
State: Oklahoma
County: LeFlore
Well No.: 1
Location: Section 16, T. 36 N., R. 27 E., S. 10 E.
The information given herewith is a complete and correct record of the well and all work done thereon
as far as can be determined from all available records.
Signed: [Signature]
Title: Assistant Geologist
Date: January 19, 1961

The summary on this page is for the condition of the well at above date.
Commenced drilling: November 21, 1951 Finished drilling: January 19, 1961

OIL OR GAS SANDS OR ZONES

(Feet and feet)

From 0 to 100 feet: Sand and shale
From 100 to 200 feet: Sand and shale
From 200 to 300 feet: Sand and shale

IMPORTANT WATER SANDS

Perforations 9671 - 9673 are now producing as recorded.

Swabbed in 8 hrs. plus a show of oil at 4500 psi. The hole was swabbed dry before

CASING RECORD

Perforations 9671 - 9673 were tested January 19, 1961. 149 psi. of water was
produced at 4500 psi. pressure.

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together
with the reasons for the work and the results. If there were any changes made in the casing, state fully, and if any casing was
sidetracked, or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number
of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

FROM-	TO-	TOTAL FEET	FORMATION
0	100	100	Sand and shale
100	200	200	Sand and shale
200	300	300	Sand and shale
300	400	400	Sand and shale
400	500	500	Sand and shale
500	600	600	Sand and shale
600	700	700	Sand and shale
700	800	800	Sand and shale
800	900	900	Sand and shale
900	1000	1000	Sand and shale
1000	1100	1100	Sand and shale
1100	1200	1200	Sand and shale
1200	1300	1300	Sand and shale
1300	1400	1400	Sand and shale
1400	1500	1500	Sand and shale
1500	1600	1600	Sand and shale
1600	1700	1700	Sand and shale
1700	1800	1800	Sand and shale
1800	1900	1900	Sand and shale
1900	2000	2000	Sand and shale
2000	2100	2100	Sand and shale
2100	2200	2200	Sand and shale
2200	2300	2300	Sand and shale
2300	2400	2400	Sand and shale
2400	2500	2500	Sand and shale
2500	2600	2600	Sand and shale
2600	2700	2700	Sand and shale
2700	2800	2800	Sand and shale
2800	2900	2900	Sand and shale
2900	3000	3000	Sand and shale
3000	3100	3100	Sand and shale
3100	3200	3200	Sand and shale
3200	3300	3300	Sand and shale
3300	3400	3400	Sand and shale
3400	3500	3500	Sand and shale
3500	3600	3600	Sand and shale
3600	3700	3700	Sand and shale
3700	3800	3800	Sand and shale
3800	3900	3900	Sand and shale
3900	4000	4000	Sand and shale
4000	4100	4100	Sand and shale
4100	4200	4200	Sand and shale
4200	4300	4300	Sand and shale
4300	4400	4400	Sand and shale
4400	4500	4500	Sand and shale
4500	4600	4600	Sand and shale
4600	4700	4700	Sand and shale
4700	4800	4800	Sand and shale
4800	4900	4900	Sand and shale
4900	5000	5000	Sand and shale
5000	5100	5100	Sand and shale
5100	5200	5200	Sand and shale
5200	5300	5300	Sand and shale
5300	5400	5400	Sand and shale
5400	5500	5500	Sand and shale
5500	5600	5600	Sand and shale
5600	5700	5700	Sand and shale
5700	5800	5800	Sand and shale
5800	5900	5900	Sand and shale
5900	6000	6000	Sand and shale
6000	6100	6100	Sand and shale
6100	6200	6200	Sand and shale
6200	6300	6300	Sand and shale
6300	6400	6400	Sand and shale
6400	6500	6500	Sand and shale
6500	6600	6600	Sand and shale
6600	6700	6700	Sand and shale
6700	6800	6800	Sand and shale
6800	6900	6900	Sand and shale
6900	7000	7000	Sand and shale
7000	7100	7100	Sand and shale
7100	7200	7200	Sand and shale
7200	7300	7300	Sand and shale
7300	7400	7400	Sand and shale
7400	7500	7500	Sand and shale
7500	7600	7600	Sand and shale
7600	7700	7700	Sand and shale
7700	7800	7800	Sand and shale
7800	7900	7900	Sand and shale
7900	8000	8000	Sand and shale
8000	8100	8100	Sand and shale
8100	8200	8200	Sand and shale
8200	8300	8300	Sand and shale
8300	8400	8400	Sand and shale
8400	8500	8500	Sand and shale
8500	8600	8600	Sand and shale
8600	8700	8700	Sand and shale
8700	8800	8800	Sand and shale
8800	8900	8900	Sand and shale
8900	9000	9000	Sand and shale
9000	9100	9100	Sand and shale
9100	9200	9200	Sand and shale
9200	9300	9300	Sand and shale
9300	9400	9400	Sand and shale
9400	9500	9500	Sand and shale
9500	9600	9600	Sand and shale
9600	9700	9700	Sand and shale
9700	9800	9800	Sand and shale
9800	9900	9900	Sand and shale
9900	10000	10000	Sand and shale