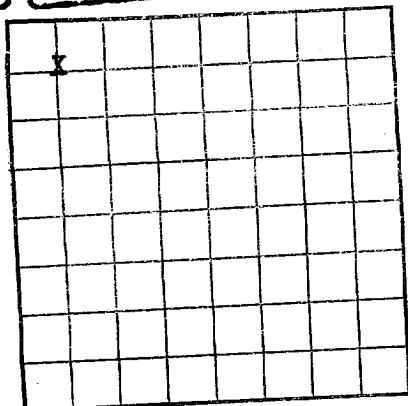
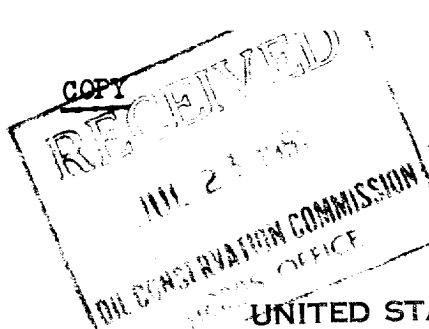


DUPLICATE
Form 9-330



LOCATE WELL CORRECTLY



Budget Bureau No. 42-R355.1
Approval expires 11-30-49.

U. S. LAND OFFICE **New Mexico**
SERIAL NUMBER **NM-01616**
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Forest Oil Corporation** Address **Box 3222 Odessa, Texas**
Lessor or Tract **NM-01616** Field **Wildcat** State **New Mexico**
Federal-Warren Well No. **1** Sec. **17** T. **9-S** R. **36-E** Meridian **NMP** County **Lea**
Location **660 ft. {N} of N Line and 660 ft. {E} of W Line of NW 1/4 NW 1/4 of 17** Elevation **4097**
(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 **J. R. Wright**
Title **District Prod. Supt.**
Date **6-14-50**

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

Commenced drilling **3-15**, 19 **50**. Finished drilling **6-4**, 19 **50**.

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from _____ to _____ 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 **175'** to **202'** No. 3, from _____ to _____
No. 2, from **9764'** to **9776'** No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
13 3/8	110#	8-R	J&L	364'	Open				
8 5/8	32#	8-R	J&L	1303'	Baker float shoe				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8	378'	400	Pump & plug	1.26	Hole full
8 5/8	4318	2500	Pump & plug	1.32	Hole full

PLUGS AND ADAPTERS

Heaving plug—Material **Cement** Length **65'** Depth set **9716'-9776'**
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
2 3/8" OD	5 oz.	Welex Jet charge	45	6-9-50	9677.5-9700	9711

TOOLS USED

Rotary tools were used from **0** feet to **9776** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 19____
The production for the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Wm. B. Smalley, Driller **W.O. Ingram**, Driller
Geo. E. Gray, Driller **Roy Igo, Jr.**, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	210	210	Caliche & clay
210	400	190	Red bed
400	775	375	Red bed & shale
775	1800	1025	Red bed & shells
1800	2125	325	Red bed & shale
2125	2225	100	Red bed & shells
2225	2500	275	Red bed, anhy & gyp.
2500	2742	242	Red bed, anhy, gyp & salt
2742	3668	926	Anhy & salt
3668	4135	467	Anhy.
4135	4168	33	Anhy & lime
4168	4225	57	Anhy, gyp & lime.
4225	4335	130	Anhy & lime
4335	4475	120	Lime
4475	4645	170	Shale & sandy strks.
4645	4650	5	Sandy lime
4650	4893	243	Shale & lime
4893	4944	51	Sandy lime
4944	7686	2742	Shale & lime
7686	7700	14	Shale
7700	7723	23	Shale & gyp.
7723	7755	32	Shale & lime strks.
7755	7793	38	Shale & gyp.
7793	8126	333	Shale
8126	8440	314	Shale & gyp.
8440	8471	31	Shale & lime

(OVER)

FORMATION RECORD-Continued

FROM-	TO-	TOTAL FEET	FORMATION
8471	8608	137	Shale & GYP.
8608	8877	269	Shale & lime
8877	8895	18	Shale, lime & chert
8895	9239	344	Shale & lime
9239	9255	16	Shale, lime & GYP.
9255	9335	80	Shale, lime & GYP.
9335	9345	10	Shale, lime & GYP.
9345	9655	310	Shale & lime
9655	9659	4	Lime
9659	9664	5	Shale
9664	9672	8	Shale, lime
9672	9676	4	Red shab
9676	9704	28	Lime
9704	9709	5	Black shale
9709	9713	4	Shale, lime
9713	9719	6	Shale
9719	9725	6	Lime
9725	9727	2	Shale
9727	9742	15	Black shale
9742	9756	14	Lime
9756	9776	20	Lime

HISTORY OF OIL OR GAS WELL

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 its 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.