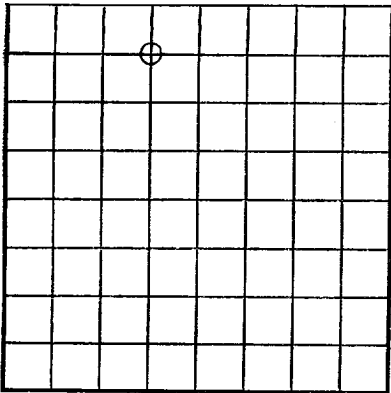


Form 9-330

U. S. LAND OFFICE
SERIAL NUMBER 09220
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
RECEIVED
FEB 15 1960



LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY
Company Union Oil Company of California Address 619 West Texas Ave., Midland, Texas
Lessor or Tract Federal Field Wildcat State New Mexico
Well No. 1-22 Sec. 22 T. 21-S R. 22-E Meridian N.M.P.M. County Eddy
Location 660 ft. S. of N. Line and 1900 ft. E. of W. Line of Section 22 Elevation 4326' D.F.
(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 R. J. Terrell
Date October 20, 1959 Title Drilling Supt.

The summary on this page is for the condition of the well at above date.
Commenced drilling July 14, 1959 Finished drilling September 24, 1959

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

No. 1, from N to _____ No. 4, from _____ to _____
No. 2, from O to _____ No. 5, from _____ to _____
No. 3, from N to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

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

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	From—	To—	Purpose
13-3/8	51.5	8	API	20.95	Out	Surface			Surface
8-5/8	23	8	Spang	4215.5	Out	Intermediate			Intermediate
7"									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	33.00	35 sz.	P & P		
8-5/8	950.00	100 sz. around shoe & w/100 sz. cut & 1 yd. pea gravel 200' to surface	P & P		
7"	4263.00	50 sz. 4% gel			

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Shot	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
	N					
	O					
	N					

TOOLS USED

Rotary tools were used from 0 feet to 5579 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing P & A, 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

J. A. Andrews, Driller P. V. Carre, Driller
R. J. Terrell, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	160	160	Dolomite and sand
160	3400	3240	Dolomite
3400	3540	140	Dolomite and sand
3540	4162	622	Dolomite
4162	4167	5	Sand
4167	4192	25	Dolomite
4192	4200	8	Anhy. and dolomite
4200	4240	40	Dolomite
4240	4275	35	Dolomite and anhy.
4275	4338	63	Dolomite
4338	4345	7	Shale
4345	4371	26	Dolomite
4371	4375	4	Shale
4375	4420	45	Dolomite
4420	4445	25	Shale
4445	4459	14	Dolomite
4459	4472	13	Shale
4472	4655	183	Dolomite and shale
4655	5170	515	Dolomite
5170	5579	409	Shale and lime