



AREA 640 ACRES  
LOCATE WELL CORRECTLY

# NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## WELL RECORD

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. If State Land submit 6 Copies

Union Oil Company of California State "B"  
(Company or Operator) (Lease)

Well No. 2-33, in NE 1/4 of NE 1/4, of Sec. 33, T. 15-S, R. 32-E, NMPM.  
~~Indesignated~~ *Indesignated* Pool, *Indesignated* County.

Well is 990 feet from North line and 990 feet from East line  
of Section 33. If State Land the Oil and Gas Lease No. is E-5667.

Drilling Commenced October 8, 1961. Drilling was Completed November 19, 1961.

Name of Drilling Contractor Durham Drilling Company

Address P. O. Box 204, Midland, Texas

Elevation above sea level at Top of Tubing Head 4294'. The information given is to be kept confidential until \_\_\_\_\_, 19\_\_\_\_.

### OIL SANDS OR ZONES

No. 1, from 10,008 to 10,022 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 N to -- feet.  
No. 2, from 0 to -- feet.  
No. 3, from E 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
11-3/4"	42"	New	594.36	End cut & beveled	--	--	Surface casing
8-5/8"	32" & 24"	New	4105.48	Guide	--	--	Intermediate casing
4-1/2"	11.6 & 9.5"	" & used	10018.74	"	--	10,003-10,022	Production casing
2" EUE	4.7"	New	9850.92	Ex. C9854			

### MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
15"	11-3/4"	609.64	550	P & P	--	--
11"	8-5/8"	4119.59	600	"	--	--
7-7/8"	4-1/2"	20,032.02	500	"	--	--

### RECORD OF PRODUCTION AND STIMULATION

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

Acidized perforations 10,008-10,022' with 500 gallons mud acid

Result of Production Stimulation Well swabbed 23.96 barrels of load oil in 1 1/2 hours; then kicked off and flowed 68.4 barrels of oil in 6 hours through 12/64" choke

Depth Cleaned Out 10,030'

# RECORD OF DRILL-STEM AND SPECIAL   STS

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 0 feet to 10,032 feet, and from   feet to   feet.  
Cable tools were used from   feet to   feet, and from   feet to   feet.

## PRODUCTION

Put to Producing November 22, 1961

OIL WELL: The production during the first 24 hours was 27 1/2 barrels of liquid of which 99.8% was  
was oil;   % was emulsion;   % water; and 0.2% was sediment. A.P.I.  
Gravity 41.3°

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		Northwestern New Mexico	
T. Anhy. 1343	T. Devonian	T. Ojo Alamo	
T. Salt 1470	T. Silurian	T. Kirtland-Fruitland	
B. Salt 2420	T. Montoya	T. Farmington	
T. Yates 2518	T. Simpson	T. Pictured Cliffs	
T. 7 Rivers	T. McKee	T. Menefee	
T. Queen	T. Ellenburger	T. Point Lookout	
T. Grayburg	T. Gr. Wash.	T. Mancos	
T. San Andres 4080	T. Granite	T. Dakota	
T. Glorieta 5735	T.	T. Morrison	
T. Drinkard	T.	T. Penn.	
T. Tubbs 6910	T.	T.	
T. Abo 7662	T.	T.	
T. Penn.	T.	T.	
T. Miss.	T.	T.	

## FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	283	283	Sand and caliche				
283	1343	1060	Red beds				
1343	1470	127	Anhydrite				
1470	2420	950	Salt				
2420	2518	98	Anhydrite				
2518	2800	282	Sand and anhydrite				
2800	4080	1280	Anhydrite				
4080	5735	1655	Dolomite				
5735	5780	45	Dolomite and sand				
5780	6910	1130	Dolomite				
6910	7035	125	Sand and dolomite				
7035	7662	627	Dolomite				
7662	8020	358	Dolomite and shale				
8020	8990	970	Dolomite				
8990	9270	280	Lime				
9270	9990	720	Lime and shale				
9990	10032	42	Lime				

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.

November 22, 1961

Company or Operator Union Oil Company of California Address 619 West Texas Avenue, Midland, Texas  
Name Paul M. Miller Position or Title Production Clerk