

Santa Fe, New Mexico

WELL RECORD

**AREA 640 ACRES
LOCATE WELL CORRECTLY**

Union Oil Company of California
(Company or Operator)

I. Regio

Well No. 1-20, in 14 $\frac{1}{4}$ of 5 $\frac{1}{4}$, of Sec. 28, T. 14-S, R. 31-E, NMPM.

SECRET 100-1

Pool **42439**

...County.

Well is 1650 feet from South line and 660 feet from West line

of Section 20..... If State Land the Oil and Gas Lease No. is.....

Drilling Commenced..... May 29, 1958 19..... Drilling was Completed..... June 4, 1958 19.....

Name of Drilling Contractor..... Seneca Drilling Company

Address.....Box 1098, Hobbs, New Mexico

76 Elevation above sea level at Top of Tubing Head.....1237..... The information given is to be kept confidential until
....., 19.....

No. 1. from 2905 to 2911 No. 4. from 12 to 13

No. 2, from to No. 5, from to

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

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from 1 to 1 feet.

No. 2, from 0 to feet.

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

No. 4, from _____ to _____ feet.

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
3-5/8"	247	New	194.05	Guide shoe	-	-	Surface csg.
5-1/2"	347	New	2930.04	Guide shoe	-	2905-2911	Production csg.
2" SUB	4.78	New	8042.92	-	-	-	Ttg. string

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12-1/4"	8-5/8"	209.65	125 w/4% Gal	F & P	"	"
7-7/8"	5-1/2"	2092.68	300 50% GEL	F & P	"	"

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

Perforated 5-1/8" casing 2905-2911' with 5 shots per foot and tested through perfor.

with 5000 gallon crude oil with 1-1/2" sand per gallon at 2000' at 16 barrels per minute

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Result of Production Stimulation Pumped load oil after sandfree treatment after which the well

kicked off and started flowing at rate of 3-1/2 BOPD.

...Depth Cleaned Out...

* This amended form is being filed to correct elevation above sea level at top of tubing head from 1224' to 1227'.

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 0 feet to 2313 feet, and from 0 feet to 0 feet.
Cable tools were used from 0 feet to 0 feet, and from 0 feet to 0 feet.

PRODUCTION

Put to Producing 0, 1958

OIL WELL: The production during the first 24 hours was 75.30 barrels of liquid of which 99.6 % was oil; 0 % was emulsion; 0 % water; and 0.4 % was sediment. A.P.I. Gravity 25.20

GAS WELL: The production during the first 24 hours was 0 M.C.F. plus 0 barrels of liquid Hydrocarbon. Shut in Pressure 0 lbs.

Length of Time Shut in 0

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

Southeastern New Mexico			Northwestern New Mexico		
T. Anhy.	2152		T. Devonian.		T. Ojo Alamo.
T. Salt.	2050		T. Silurian.		T. Kirtland-Fruitland.
B. Salt.	2050		T. Montoya.		T. Farmington.
T. Yates.	2122		T. Simpson.		T. Pictured Cliffs.
T. 7 Rivers.	2080		T. McKee.		T. Menefee.
T. Queen.	2202		T. Ellenburger.		T. Point Lookout.
T. Grayburg.			T. Gr. Wash.		T. Mancos.
T. San Andres.			T. Granite.		T. Dakota.
T. Glorieta.			T.		T. Morrison.
T. Drinkard.			T.		T. Penn.
T. Tubbs.			T.		T.
T. Abo.			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	130	130	Strat. S. Goliad				
130	1152	1022	Red Beds				
1152	1260	108	Anhy.				
1260	1350	90	Red				
1350	2122	782	Anhy.				
2122	2270	148	Strat. S. Anhy.				
2270	2502	232	Anhy. S. Salt				
2502	2519	17	Salt				
2519	2543	24	Anhy. S. Salt				

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.

Company or Operator Union Oil Company of California Address 619 N. Texas Avenue, Midland, Texas
Name R.W. Gailmont Position Title Drilling Superintendent
Date June 11, 1958 (Date)

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
(Company or Operator)

H. Eagle
(Lease)

Well No. 1-28, in NW 1/4 of SW 1/4, of Sec. 28, T. 14-S, R. 31-E, NMPM.
Caprock Queen Pool, Chaves County.

Well is 1650 feet from South line and 560 feet from West line
of Section 28. If State Land the Oil and Gas Lease No. is .

Drilling Commenced May 29, 1958, 19. Drilling was Completed June 4, 1958.

Name of Drilling Contractor Jennings Drilling Company

Address Box 1058, Hobbs, New Mexico

Elevation above sea level at Top of Tubing Head 4334. The information given is to be kept confidential until , 19.

OIL SANDS OR ZONES

No. 1, from 2905 to 2911 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 2 to feet.
No. 2, from 0 to feet.
No. 3, from 2 to feet.
No. 4, from 2 to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8-5/8"	24 1/2	New	194.05	Guide shoe	-	-	Surface casg.
5-1/2"	14 1/2	New	2930.04	Guide shoe	-	2905-2911	Production casg.
2" EUE	4.7 1/2	New	2832.93	"	-	-	Tog. string

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12-1/4"	8-5/8"	209.65	125 4/4\$ Cel	P & P	-	-
7-7/8"	5-1/2"	2912.64	300 Pozmix S	P & P	-	-

RECORD OF PRODUCTION AND STIMULATION

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

Perforated 5-1/2" casing 2905-2911' with 5 shots per foot and treated through
perfs. with 5,000 gallons crude oil with 1-1/2 gal sand per gallon at 2500' at
16 bbls. per minute.

Result of Production Stimulation Evaluated load oil after sand-frac. treatment after which the well
kicked off and started flowing at rate of 3-1/2 BOPD.

Depth Cleaned Out 47

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 0 feet to 2043 feet, and from 0 feet to 0 feet.
Cable tools were used from 0 feet to 0 feet, and from 0 feet to 0 feet.

PRODUCTION

Put to Producing 2043, 1958
OIL WELL: The production during the first 24 hours was 75.30 barrels of liquid of which 59.6% was oil; 2% was emulsion; 2% water; and 3.4% was sediment. A.P.I. Gravity 35.23
GAS WELL: The production during the first 24 hours was 0 M.C.F. plus 0 barrels of liquid Hydrocarbon. Shut in Pressure 0 lbs.
Length of Time Shut in 0

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

Southeastern New Mexico			Northwestern New Mexico		
T. Anhy	2152		T. Devonian		T. Ojo Alamo
T. Salt	2260		T. Silurian		T. Kirtland-Fruitland
B. Salt	2060		T. Montoya		T. Farmington
T. Yates	2122		T. Simpson		T. Pictured Cliffs
T. 7 Rivers	2080		T. McKee		T. Menefee
T. Queen	2032		T. Ellenburger		T. Point Lookout
T. Grayburg			T. Gr. Wash		T. Mancos
T. San Andres			T. Granite		T. Dakota
T. Glorieta			T.		T. Morrison
T. Drinkard			T.		T. Penn
T. Tubbs			T.		T.
T. Abo			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	110	110	Sand & Gravel				
110	1152	1042	Red Sand				
1152	1260	108	Anhy.				
1260	1960	700	Salt				
1960	2122	162	Anhy.				
2122	2270	148	Sand & Anhy.				
2270	2903	632	Anhy. & Sand				
2903	2919	17	Sand				
2919	2943	24	Anhy. & Sand				

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.

June 13, 1958
Company or Operator Union Oil Company of California Address 619 W. Rosemont, Midland, Texas
Name R. W. Gardner Position or Title Selling Superintendent