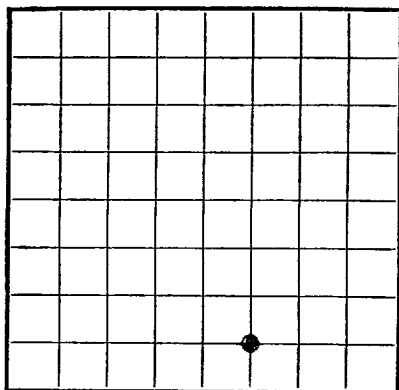


Form 9-330



LOCATE WELL CORRECTLY

RECEIVED
APR 20 1961
RECEIVED
APR 19 1961
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

U. S. LAND OFFICE
SERIAL NUMBER **NM 06765**
LEASE OR PERMIT TO PROSPECT

LOG OF OIL OR GAS WELL

Company Union Oil Company of California Address 619 W. Texas Ave., Midland, Texas
Lessor or Tract Federal Field South Hansen-Yates State New Mexico
Well No. 2-23 Sec. 23 T19-S R. 30-E Meridian N.M.P.M. County Eddy
Location 660 ft. N. of S Line and 1930 ft. W. of EE Line of Section 23 Elevation 5296 ft. (Denote by W)

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 _____

Date April 17, 1961 Title Production Clerk

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

Commenced drilling March 17, 1961 Finished drilling March 20, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1780 to 1796 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 to - No. 3, from - to -
No. 2, from - to - 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—	
8-5/8"	24.7	8 Rd.	CPI	137.37	Full	1780-1796			Oil
4-1/2"	17.5	8 Rd.	CPI	1700.17	Full	1796-1930			Oil
2" EUE	4.77	8 Rd.	Met	1700.17	Full	1796-1930			Tbg. String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	550.57	200 w/4% oil	P & P	-	-
4-1/2"	1930.29	240 salt base ext. & 90 sk. 4% oil ext.	P & P	-	-

PLUGS AND ADAPTERS

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

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from Zero feet to 1930 feet, and from - feet to - feet
Cable tools were used from - feet to - feet, and from - feet to - feet

DATES

April 17, 1, 1961 Put to producing April 16, 1961

The production for the first 24 hours was 75.00 barrels of fluid of which 67 % was oil; - % emulsion; 13 % water; and - % sediment. Gravity, °Bé. 32.00

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Contract Tools _____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	290	290	Sand and Caliche
290	360	70	Anhydrite
360	502	142	Anhydrite and salt
502	1534	1032	Salt
1534	1700	166	Anhydrite
1700	1760	60	Anhydrite and sand
1760	1930	170	Sand and anhydrite

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

[illegible]

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

Title _____ Date _____

Completed drilling _____ 19____

Finished drilling _____ 19____

OIL OR GAS SANDS OR ZONES		Oil or Gas Sands or Zones	
(Denote gas by G)		(Denote gas by G)	
No. 1, from	to	No. 1, from	to
No. 2, from	to	No. 2, from	to
No. 3, from	to	No. 3, from	to
No. 4, from	to	No. 4, from	to
No. 5, from	to	No. 5, from	to
No. 6, from	to	No. 6, from	to
No. 7, from		No. 7, from	
No. 8, from		No. 8, from	
No. 9, from		No. 9, from	
No. 10, from		No. 10, from	
No. 11, from		No. 11, from	
No. 12, from		No. 12, from	
No. 13, from		No. 13, from	
No. 14, from		No. 14, from	
No. 15, from		No. 15, from	
No. 16, from		No. 16, from	
No. 17, from		No. 17, from	
No. 18, from		No. 18, from	
No. 19, from		No. 19, from	
No. 20, from		No. 20, from	
No. 21, from		No. 21, from	
No. 22, from		No. 22, from	
No. 23, from		No. 23, from	
No. 24, from		No. 24, from	
No. 25, from		No. 25, from	
No. 26, from		No. 26, from	
No. 27, from		No. 27, from	
No. 28, from		No. 28, from	
No. 29, from		No. 29, from	
No. 30, from		No. 30, from	
No. 31, from		No. 31, from	
No. 32, from		No. 32, from	
No. 33, from		No. 33, from	
No. 34, from		No. 34, from	
No. 35, from		No. 35, from	
No. 36, from		No. 36, from	
No. 37, from		No. 37, from	
No. 38, from		No. 38, from	
No. 39, from		No. 39, from	
No. 40, from		No. 40, from	
No. 41, from		No. 41, from	
No. 42, from		No. 42, from	
No. 43, from		No. 43, from	
No. 44, from		No. 44, from	
No. 45, from		No. 45, from	
No. 46, from		No. 46, from	
No. 47, from		No. 47, from	
No. 48, from		No. 48, from	
No. 49, from		No. 49, from	
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No. 58, from		No. 58, from	
No. 59, from		No. 59, from	
No. 60, from		No. 60, from	
No. 61, from		No. 61, from	
No. 62, from		No. 62, from	
No. 63, from		No. 63, from	
No. 64, from		No. 64, from	
No. 65, from		No. 65, from	
No. 66, from		No. 66, from	
No. 67, from		No. 67, from	
No. 68, from		No. 68, from	
No. 69, from		No. 69, from	
No. 70, from		No. 70, from	
No. 71, from		No. 71, from	
No. 72, from		No. 72, from	
No. 73, from		No. 73, from	
No. 74, from		No. 74, from	
No. 75, from		No. 75, from	
No. 76, from		No. 76, from	
No. 77, from		No. 77, from	
No. 78, from		No. 78, from	
No. 79, from		No. 79, from	
No. 80, from		No. 80, from	
No. 81, from		No. 81, from	
No. 82, from		No. 82, from	
No. 83, from		No. 83, from	
No. 84, from		No. 84, from	
No. 85, from		No. 85, from	
No. 86, from		No. 86, from	
No. 87, from		No. 87, from	
No. 88, from		No. 88, from	
No. 89, from		No. 89, from	
No. 90, from		No. 90, from	
No. 91, from		No. 91, from	
No. 92, from		No. 92, from	
No. 93, from		No. 93, from	
No. 94, from		No. 94, from	
No. 95, from		No. 95, from	
No. 96, from		No. 96, from	
No. 97, from		No. 97, from	
No. 98, from		No. 98, from	
No. 99, from		No. 99, from	
No. 100, from		No. 100, from	

[illegible]

Case	Where sent	Number sacks of cement	Method used	Mud gravity	Amount of mud used
17	100 ft.	2000	100 ft.	1.1	1
18	100 ft.	2000	100 ft.	1.1	1
19	100 ft.	2000	100 ft.	1.1	1

Heaving plug—Material	Length	Depth set
Abutment—Material	Size	

[illegible]

Historical tools were used from	feet to	feet and from	feet to
Historical tools were used from	feet to	feet and from	feet to

11 gas with oil, cu. ft. per 24 hours	Emulsion: 5% water; and	19
Gallons gasoline per 1,000 cu. ft. of gas	(Gravity, °BA	19
	parts of field of which % was oil;	19
	Put to producing	19

Driller	Driller	Driller	Driller
Driller	Driller	Driller	Driller

[illegible]

FROM—