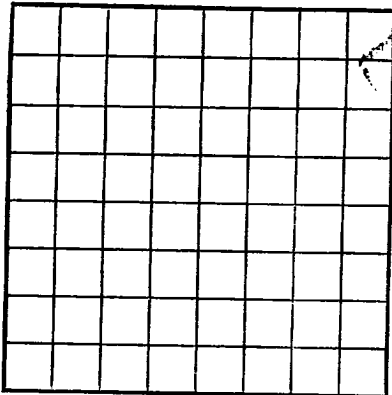




LOCATE WELL CORRECTLY

RECEIVED
OCT 19 1964
U. S. GEOLOGICAL SURVEY
ARTERIA, NEW MEXICOBudget Bureau No. 42-R355.2
Approval expires 12-31-52.

U. S. LAND OFFICE

COPY TO: SERIAL NUMBER NM 028347
LEASE OR PERMIT TO PROSPECT
Bright FederalUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Sun Oil Company Address Box 2792, Odessa, Texas
Lessor or Tract Bright Federal Field Indian Basin State New Mexico
Well No. 1 Sec. 21 T. 21 R. 23 Meridian 44 County ddy
Location 1650ft. (S.) of N. Line and 1682ft. (E.) of E. Line of Sec. 21 Elevation 3883 ft.
(Derives 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 C. W. WrightDate 10/16/64 Title Area Superintendent

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

Commenced drilling 4/22/64, 19____ Finished drilling 6/12/64, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 7150 to 7580 No. 4, from _____ to _____
No. 2, from 8234 to 8254 No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ 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
13 3/8	72.0	3	Yagtown	33.73	Howco			
13 3/8	48.0	3	do	153.74	Howco			
9 5/8	36.0	3	do	120.66	Howco			
9 5/8	32.30	3	do	1865.34	Howco			
4 1/2	11.6	8	Lone star	6801.91	Howco			
4 1/2	9.5	8	do	2387.67	Howco			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8	200.00	300	Pump		
9 5/8	2000.00	600	Pump		
4 1/2	9204.00	600	Pump		

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 0 feet to 9300 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

10/16/64, 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, 96.58.20 API

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas 1.6Rock pressure, lbs. per sq. in. 2940 Calculated absolute potential - 38 MCFD

EMPLOYEES

J. P. Springer, Driller L. L. Land, Driller
C. V. Haley, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	845	845	Lime
845	1382	537	Lime and sand
1382	5553	4171	Lime and dolomite
5553	7085	1532	Lime and shale
7085	7242	157	Sand and shale
7242	7330	88	Lime
7330	7405	75	Sand
7405	7468	63	Lime
7468	7610	142	Dolomite
7610	7803	193	Lime and dolomite
7803	8603	800	Lime and shale
8603	8727	124	Lime and dolomite
8727	8924	197	Lime
8924	9140	216	Lime and sand
9140	9300	160	Lime and shale

AT THE END OF COMPLETE DRILLER'S

LOG, ADD GEOLOGIC TOPS. STATE by Electric Log - tops of
WHETHER FROM HL OR SAMPLES: formations

Top San Andres 417

Top Glorieta 1930

Top 3rd Bone Springs 5666

Top Cisco 7170

Top Strawn 7865

Top Atoka 8410

Top Morrow 8800

Two copies each of Fracture Finder Micro-Seismogram, ~~at~~ Induction Electric
and Acoustic Velocity Logs are enclosed.

(OVER)

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 "saddled" 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.

U. S. GOVERNMENT PRINTING OFFICE 16-43084-1

FORMATION RECORD—Continued