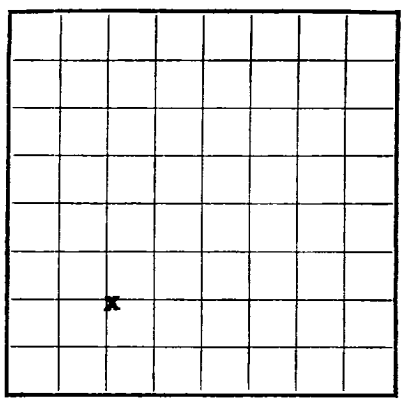
N. M. O. C. C. COPY

Form 9-330

Form approved.
Budget Bureau No. 42-R355.4.



LOCATE WELL CORRECTLY

RECEIVED
MAR 19 1965
O. C. C.
ARTESIA, OFFICE

U. S. LAND OFFICE _____
SERIAL NUMBER LC-050797
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
MAR 18 1965
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

LOG OF OIL OR GAS WELL

Company Neil H. Mills ✓ Address Drawer W Carlsbad, New Mexico

Lessor or Tract Neil H. Mills LC-050797 Field Russell State New Mexico

Well No. Mills#2 Sec. 13 T. 20 R. 24 Meridian NMPM County Eddy

Location 1330 ft. {N. / S.} of S Line and 1330 ft. {E. / W.} of W Line of Section 13 Elevation 3247
(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 Neil H. Mills

Date 1-28-65 Title Agent

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

Commenced drilling 10-21, 19 64 Finished drilling 11-9, 19 64

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 802 to 826 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 _____ 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 From—	Perforated To—	Purpose
7	20#	8		165	Reg				
5	14#	8		805	Reg				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7	165	15	Pump		
5	805	75	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
		Nitroglycerine	50 quarts	11-12-64		

TOOLS USED

Rotary tools were used from 0 feet to 826 feet, and from _____ feet to _____ feet

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

DATES

_____, 19____ Put to producing None, 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

_____, Driller _____, Driller

D. O. Wilson

Marion Thompson, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
		SAMPLE LOG.	
0	300	300	Surface- No Sample
300	380	80	8 samples -Gypsum(30) Red sand & shale(70)
380	450	70	7 samples -Gypsum(50) " " " (50)
450	550	100	10 " -salt(50) Gypsum (25) RdSand Shale(25)
550	610	60	6 " -Anhyd(40) Salt (40) Rd.SandShale(20)
610	730	120	12 " -BrownDol(40) Anhyd(40)Rd.SandShale(20)
730	770	40	8 " -BrownDol(70) Anhyd(20) Rd.SandShale(10
770	775	5	1 " -Gr.Silt(25) WhAnhyd(50)Rd.SandShale(25
775	780	5	1 " -WhDolomite(75)Anhyd(25)
780	790	10	2 " -Wh.Anhyd(50)Gr.Silt(20)Red Beds(30)
790	800	10	2 " -WhDol(75)WhAnhyd(25)RedBeds(tr)
800	820	20	4 " Oil Sand
820	825	5	1 "-Oil Sand(70) Wh Dol(30)
825	826	1	1 "-WhDol(80) Gr.Silt(20)

FOLD MARK

(OVER)

16—43094-5

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

HISTORY OF OIL OR GAS WELL

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 "sidetracked" 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.

This well is used for water injection.