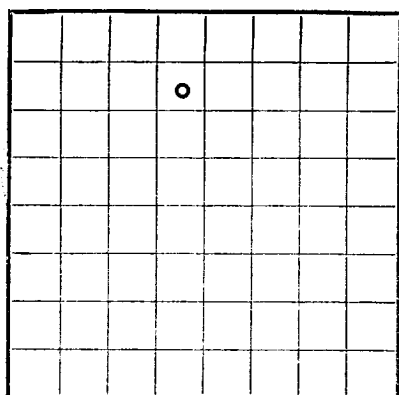


Form 9-330

U. S. LAND OFFICE New MexicoSERIAL NUMBER NM 05525-8

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

RECEIVED

AUG 28 1963

U. S. G. C.
ARTESIA OFFICE

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company ERNEST A. HANSON Address P. O. Box 1515, Roswell, New Mexico
Lessor or Tract McCAW FEDERAL Field Lecho Hills State New Mexico
Well No. 1 Sec. 19 T. 18S. R. 29E. Meridian NMPM County Eddy
Location 990 ft. N. of N. Line and 2040 ft. E. of W. Line of Sec. 19 Elevation 3554
(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 Harry F. SchramDate August 26, 1963Title Geologist

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

Commenced drilling July 29, 1963 Finished drilling August 21, 1963

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2348 to 2363 No. 4, from _____ to _____
No. 2, from 2385 to 2407 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 foot	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8-5/8	23	8 R	Max.	325	Collar	320	2358	2346	Conductor
5-1/2	14	8 R	Max.	322	Plug				Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5-1/2	2432	100	Pump & Plug		Circ.

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 _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from 0 feet to 2433 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 1963

The production for the first 24 hours was 43 barrels of fluid of which 100 % 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 Roach Drig. Co., Artesia, N.M., Driller
_____, Driller _____, Driller

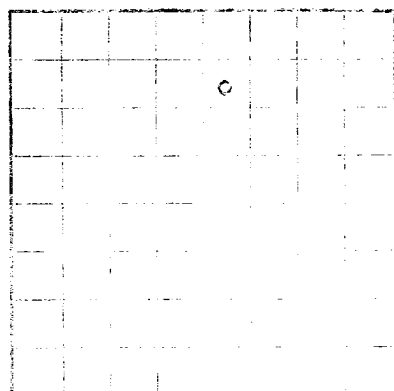
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	256	256	Caliche and red beds
256	345	89	Anhydrite
345	750	405	Salt
750	927	177	Anhydrite and dolomite
927	1242	315	Sand, anhydrite and dolomite
1242	1924	682	Dolomite and anhydrite
1924	2293	369	Sand, dolomite and anhydrite
2293	2433	140	Dolomite and sand
ELECTRIC LOG TOPS			
T/Anhydrite 256			
T/Salt 345			
B/Salt 750			
T/Yates 927			
T/7-River 1242			

PLEASE ON PERMIT TO PROSPECT
SERIAL NUMBER
U.S. LAND OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



DATE: 11/19/92 BY: JAC/CO

The information given herewith is a complete and correct record of the well and all work done thereon as far as can be determined from all available records.

Signed _____

In witness whereof, I have hereunto set my hand and the seal of said County at _____ New Mexico, this _____ day of _____ A.D. 19____.

_____ County Clerk

I hereby certify that the foregoing is a true and correct copy of the original as the same appears in the files of the County Clerk's office.

_____ State Engineer

Dated _____ A.D. 19____.

_____ Secretary

Commanded drilling 144 ft. 1942. Finished drilling 144 ft. 1942. The summary on this page is for the condition of the well at above date.

Date 10-24-50, 1950

THIS

OIL OR GAS SANDS OR ZONES

(Determine the value of α)

10	from 1.0 to 1.5	10	from 1.0 to 1.5
20	from 1.5 to 2.0	20	from 1.5 to 2.0
30	from 2.0 to 2.5	30	from 2.0 to 2.5
40	from 2.5 to 3.0	40	from 2.5 to 3.0

WATER TREATMENT PLANT

From, W/40,000 gals. leased oil and 30,000' sand No. 2, from _____ to _____ No. 2, from _____ to _____

All parts. were broken down w/750 gals. acid.

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of re-drilling, 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 balling of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or balling of shots.

HISTORY OF OIL OR GAS WELL

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

FROM		TO		TOTAL FEET		FORMATION	
2396	2397	2397	2398	2398	2399	2400	2401
2397	2398	2398	2399	2399	2400	2401	2402
2398	2399	2399	2400	2400	2401	2402	2403
2399	2400	2400	2401	2401	2402	2403	2404
2400	2401	2401	2402	2402	2403	2404	2405
2401	2402	2402	2403	2403	2404	2405	2406
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FORMATION RECORD—Continued