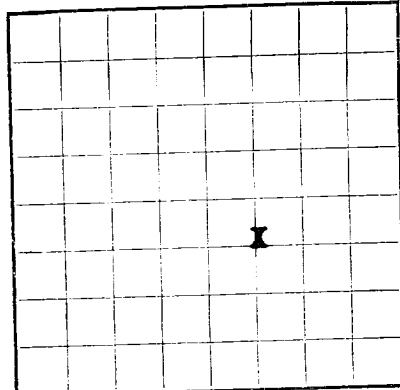


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER N M 0897
LEASE OR PERMIT TO PROSPECT Lease



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Drilling & Exploration Company, Inc. Address Box 2075, Hobbs, New Mexico
Lessor or Tract Fletcher "A" Field Lynch State New Mexico
Well No. 4 Sec. 27 T. 20S R. 34E Meridian NMPM County Lea
Location 1980 ft. N of S Line and 1980 ft. EX of E Line of Section 27 Elevation 3699
EX (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 D. C. Smith Title Division Prod. Superintendent

Date July 17, 1958

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

Commenced drilling October 4, 1957 Finished drilling November 13, 1957

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 3544 to 3564 No. 4, from 3657 to 3674
No. 2, from 3580 to 3586 No. 5, from _____ to _____
No. 3, from 3610 to 3620 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 895 to 920 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—	
13 3/8	48#	8		65					Surface
10 3/4	32#	8		705		705			Cave string
8 5/8	24#	8		1230		1230			Water string
5 1/2	15.5	8		3643	Guide		See below		Oil string

3545 with 3 holes & 3211 with 4 holes to cement; 3544-64, 3580-86 & 3610-20 for production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8	65	50	Bailer		
5 1/2	3643	1825	Pump & plug		

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 3681 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing July 15, 1958

The production for the first 24 hours was 82.80* barrels of fluid of which 44% was oil; _____% emulsion; 56% water; and _____% sediment. Gravity, °Bé. 30.2°

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

Rock pressure, lbs. per sq. in. _____ *Based on 16 hour test.

EMPLOYEES

A. R. Sprawls, Driller D. J. Hopper, Driller
H. Rickman, Driller R. M. Jones, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	50	50	Caliche and surface sand
50	895	845	Red shale
895	920	25	Sand
920	1565	645	Red sandy shale
1565	1710	145	Anhydrite
1710	1845	135	Salt
1845	2095	250	Red shale, salt & anhydrite
2095	3100	1005	Salt
3100	3280	180	Salt & anhydrite
3280	3348	68	Red shale, salt & anhydrite
3348	3380	32	Anhydrite & lime
3380	3540	160	Lime
3540	3570	30	Sand
3570	3628	58	Sandy lime & shale
3628	3640	12	Sandy shale
3640	3662	22	Lime
3662	3681	19	Sandy lime
	3681		Total Depth
			Tops by Gamma Ray log:
			Top Anhydrite 1568
			Top Salt 1775
			Base Salt 3355
			Top Yates 3532
			Top Seven Rivers 3657

FORMATION RECORD-Continued

[illegible]

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.