Form 9-330

Budg No. 42-R355.1.
Appro 11-30-49.

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 060279
LEASE OR PERMIT TO PROSPECT

COPY TO O.C.C.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Robert E. McKee, General Contractor, Address Box 246 Artesia, New Mexico
Lessor or Tract Magruder Field Artesia State New Mexico
Well No. 5 Sec. 12 T. 18 R. 27 Meridian N.M.P. County Eddy
Location 100 ft. {N./S.} of S Line and 500 ft. {E./W.} of E Line of Section 12 Elevation 3612 (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 J. R. Lund
Date April 15, 1954 Title Manager of Oil Production

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

Commenced drilling February 8, 19 54 Finished drilling March 18, 19 54

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 1977 to 1986 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 275 to 285 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
8 5/8	24	8 rds.	J & L	441'	Texas				Water string

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	441'	20	Denton		5 sax

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
Sand Frac		3000 gallons oil and 3000 lbs. sand				

TOOLS USED

Rotary tools were used from feet to feet, and from feet to feet
Cable tools were used from Top feet to T.D. feet, and from 0 feet to 1994 feet

DATES

, 19 Put to producing April 10, 1954

The production for the first 24 hours was 5 barrels of fluid of which 100 % was oil; No % emulsion; None % water; and % sediment. Gravity, °Bé. 26

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

W. J. Keith, Driller Tom Bradshaw, Driller
J. D. Agnew, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
417	436	19	Red Rock
436	495	59	Anhy.
495	530	35	Anhy. broken
530	570	40	Anhy. & Red Rock
570	610	40	Anhy. & Red shells
610	675	65	Anhy.
675	730	55	Lime & Anhy.
730	788	58	Anhy.
788	796	8	Sandy Lime
796	852	56	Anhy.
852	860	8	Brown Lime
860	895	35	Anhy. & Lime shells
895	945	50	Anhy.
945	960	15	Gray lime
960	989	29	Lime
989	1015	26	Anhy.
1015	1030	15	Anhy. & Red rock
1030	1050	20	Lime
1050	1115	65	Anhy. & Red rock
1115	1125	10	Lime
1125	1308	133	Anhy.
1308	1340	32	Red sand
1340	1513	173	Anhy.
1513	1543	30	Anhy. & Red shale
1543	1570	27	Anhy.

FOLD | MARK

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FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
1570	1583	13	Gray sand
1583	1595	12	Sandy shale
1595	1609	14	Lime
1609	1617	8	Sandy lime
1617	1691	74	Anhy.
1691	1698	7	Lime
1698	1722	24	Red Shale & Lime shells
1722	1732	10	Anhy.
1732	1745	13	Lime - light
1745	1755	10	Anhy.
1755	1801	46	Lime
1801	1803	2	Gray lime
1803	1831	34	Lime
1831	1856	25	Lime shells
1856	1885	29	Lime
1885	1901	6	Lime - sharp
1901	1983	82	Lime
1983	1986	Sand	
1986	1988	2	Gray sand
1988	1990	2	Brown sand
1990	1992	2	Light sandy lime
1992	1994	2	Lime hard
1994	T.D.		

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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.