August 1, 1962

INDIAN BASIN - 1 DST'S

PRESSURES

DEPTHS				I.S.I.	F.	F.S.I.
7220-7[illegible]	[illegible] Hr. - Weak blow	100' Drlg. fluid-gas [illegible]		2645	20-85	2665
7[illegible]-7403	[illegible] Hr. - Gas [illegible]	1[illegible],000 to 3[illegible],000 CFPD	9[illegible] GC mud	2540	135-90	2540
7[illegible]-7460	[illegible] Hr. - Gas 12 Min.	[illegible],000	[illegible] GC mud	2[illegible]	110-140	2[illegible]
[illegible]	[illegible] - Gas [illegible] Min.	[illegible],000 to [illegible],000 ([illegible],460,000) Halliburton Calc. AOF	[illegible] GC mud	2900	350-330	2900
[illegible]	[illegible]	[illegible],000 ([illegible],869,000)	[illegible] Condensate [illegible] Gas & Cond. [illegible] mud	2906	[illegible]	2900
[illegible]	[illegible] - Gas [illegible] Min.	[illegible] to [illegible],000 ([illegible])	[illegible] Cond. & GCM [illegible] Gas cut Drlg. Fluid	2952	155-475	2873
[illegible]	[illegible] - Gas [illegible] Min.	[illegible],000 to [illegible],000 (6,[illegible]0,000)	[illegible] Gas & cond. CM [illegible] Gas cut mud 220' mud filtrate	2940	307-730	2875
[illegible]	[illegible] - Gas [illegible] Min.	17,000 to [illegible],000 ([illegible]90,000)	[illegible] Gas cut mud [illegible] Gas cut mud [illegible] filtrate	2940	120-280	2[illegible]
[illegible]	[illegible] - Gas [illegible] Min.	[illegible] to weak [illegible]	[illegible] Gas cut mud [illegible] mud filtrate	[illegible] Min. 2875	[illegible]	[illegible] 2[illegible]
[illegible]	[illegible] - Gas [illegible]	[illegible],000 to [illegible],000	[illegible] Gas cut mud	30 Min. [illegible]	155-140	30 Min. [illegible]
[illegible]	[illegible]	[illegible] below [illegible]				
[illegible]-9200	[illegible] Hr. - Gas 5 Min. [illegible],000,000 and 19 Min. [illegible],000,000 Levelled [illegible],000,000 [illegible] Levelled off 3500 [illegible] Top Choke 3/8" Bottom	[illegible] Cond. [illegible] [illegible] Gas Cut Mud		30 Min. [illegible]13 [illegible].41[illegible] (9200)	700-900	30 Min. 3786 0.41[illegible] (9200)
[illegible]190-9262	[illegible] - Gas, 13,901,000 at start, Increase to 19,[illegible],000. Levelled off [illegible] Levelled off 5500 [illegible] Top - 3/8" Bottom	D.P. Dry - No Fluid Recovered		30 Min. 3760 0.[illegible] (9250) 0.411 (9200)	2015-2400	30 Min. 3731 0.[illegible] (9250) 0.[illegible] (9200)
[illegible]40	1 Hr. - Gas [illegible] Min. [illegible] Small to measure	[illegible]50' [illegible] fluid		[illegible]		
[illegible]	[illegible] Hr. - [illegible] Blow - Gas [illegible]7 Min. to small to measure	[illegible] SC Salt Water [illegible]PM 45,[illegible]00		Hydro. 3465 3440	[illegible]0-400	[illegible]
[illegible]	1 Hr. Weak low - stopped After 12 Min.	140' Drlg. Mud No Show		Hydro 4140 450	3[illegible]0-3[illegible]	[illegible]

N. M. O. C. C. CC

Form 9-330

RECEIVED

MAY 1963

O. C. C.
ARTESIA, OFFICE

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

U. S. LAND OFFICE New Mexico

SERIAL NUMBER NM05551

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Ralph Lowe Address Box 832, Midland, Texas

Lessor or Tract Indian Basin Field Unesignated State New Mexico

Well No. 1 Sec. 23 T. 21S R. 23E Meridian NMPM County Eddy

Location 1980 ft. {N. / S.} of N. Line and 660 ft. {E. / W.} of W. Line of Sec. 23 Elevation 3842
(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

Date January 30, 1963 Title Agent

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

Commenced drilling May 29, 1962 Finished drilling September 3, 1962

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 7370 to 7540 (G) No. 4, from to

No. 2, from 8660 to 8730 (G) No. 5, from to

No. 3, from 9035 to 9330 (G) No. 6, from to

IMPORTANT WATER SANDS

No. 1, from 200 to 300 No. 3, from to

No. 2, from 800 to 2000 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
9-5/8	36#		Spang	2250	Baker				
7	23#		Spang	10100	Baker				
7	29#		Spang		Baker		9039	9049	Gas
							9193	9263	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	2250	1200 sax circ.	Pump		Hole full
7	10100	1750 Sax	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 10111 feet, and from feet to feet

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

DATES

, 19 Put to producing Shut-In, 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

George Millard, Driller A. J. Kennedy, Driller

Carl L. Ause, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	133	133	Queen Lmi.
133	528	395	Grayburg Lmi.
528	2084	1556	San Andres Lmi.
2084	3068	984	Glorieta Sand, Lmi., & Limestone
3068	5065	2002	Lime Clastic Zone & Limestone
5065	7354	1289	Clifcamp limestone, Lmi., Sd., & shale
7354	8054	700	Cisco-Canyon limestone, Lmi., & shale
8054	8613	559	Strawn limestone, Ls, & shale
8613	8942	329	Atoka-Morrow limestone, Ls, & shale
8942	10030	538	Miss. shale & limestone
10030	10094	64	Woodford shale
10094	10111 TD	17	Silurian Lmi.

All drill stem tests attached.

FOLD | MARK

[OVER]

16—43094-5

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

HISTORY OF OIL OR GAS WELL

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

Its of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with th 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 shot. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.