

U. S. LAND OFFICE **New Mexico**
SERIAL NUMBER **LC 066509-D**
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **OLEN F. FEATHERSTONE** Address **Petroleum Bldg., Roswell, N.M.**
Lessor or Tract **Hondo Oil & Gas Co.** Field **Windmill S.A.** State **New Mexico**
Well No. **1** Sec. **15** T. **15S** R. **28E** Meridian **NMP** County **Chaves**
Location **330** ft. **N** of **N** Line and **330** ft. **E** of **W** Line of **Section 15** Elevation **3601**
(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.

Date **January 29, 1963** Signed **Charles W. Fisher** Title **General Manager**

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

Commenced drilling **December 26**, 19**62** Finished drilling **January 2**, 19**63**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____ 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 **1260** to **1270** 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—	
8-5/8"	244	8rd	CPI	319	Texas Pattern				
5-1/2"	144	8rd	CPI	2618	Larkin				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	319	100	Denton		
5-1/2"	2618	105	Denton		

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 **2774** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

After Recovering Load Oil
Put to producing **January 24**, 19**63**

The production for the first 24 hours was **65** barrels of fluid of which **75** % was oil; _____ % emulsion; **25** % water; and _____ % sediment. Gravity, °Bé. **25**

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

S.P. Yates Drilling Co. Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	200	200	Caliche, Sand, Sandstone and shale
200	490	290	Salt, Shale and Anhydrite
490	645	155	Sandstone, Shale-thin Anhydrite beds
645	1245	600	Anhydrite, salt-thin shale beds & Sandstone
1245	1610	365	Anhydrite, Shale, Salt & thin sandstone beds
1610	1928	318	Anhydrite, Shale and Dolomite
1928	2774	846	Dolomite, Anhydrite, very little shale
	2774' T.D.		
Electric Log Tops:			
Salt	200'		
Yates	490'		
Queen	1610'		
San Andres	1928'		

DATE	DESCRIPTION	AMOUNT	CHECK NO.	BANK
1954-01-01	Balance Forward	100.00		First National Bank
1954-01-15	Deposit	50.00	101	First National Bank
1954-02-01	Withdrawal	25.00	102	First National Bank
1954-02-15	Deposit	75.00	103	First National Bank
1954-03-01	Withdrawal	30.00	104	First National Bank
1954-03-15	Deposit	60.00	105	First National Bank
1954-04-01	Withdrawal	40.00	106	First National Bank
1954-04-15	Deposit	80.00	107	First National Bank
1954-05-01	Withdrawal	20.00	108	First National Bank
1954-05-15	Deposit	90.00	109	First National Bank
1954-06-01	Withdrawal	15.00	110	First National Bank
1954-06-15	Deposit	100.00	111	First National Bank
1954-07-01	Withdrawal	35.00	112	First National Bank
1954-07-15	Deposit	70.00	113	First National Bank
1954-08-01	Withdrawal	45.00	114	First National Bank
1954-08-15	Deposit	85.00	115	First National Bank
1954-09-01	Withdrawal	25.00	116	First National Bank
1954-09-15	Deposit	95.00	117	First National Bank
1954-10-01	Withdrawal	30.00	118	First National Bank
1954-10-15	Deposit	105.00	119	First National Bank
1954-11-01	Withdrawal	10.00	120	First National Bank
1954-11-15	Deposit	110.00	121	First National Bank
1954-12-01	Withdrawal	20.00	122	First National Bank
1954-12-15	Deposit	115.00	123	First National Bank
1955-01-01	Balance Forward	120.00		First National Bank

U. S. GOVERNMENT PRINTING OFFICE

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.

1961 9 JANUARY

I. Performances: One shot per foot (.55" Diameter bullet) as follows:
2518' - 20, 22, 29, 32, 34, 35, 37, 61, 62, 69, and 70.
- Limited Entry Treatment -
II. Break down: Maximum pressure 3700# used 220 bbls oil
1. 4 holes broke
2. Used balls & broke 5 additional holes for total of 9
III. Sandfractured with 700 bbls of oil & 74,000# 20-40 sand
1. Injection pressure 3100#
2. Maximum sand 3# per gallon
3. Injection rate 25 bbls/minute
IV. Displaced with 80 bbls oil
Recovered 1000 barrels sand oil by flow, sweep and pump
from January 1 through January 23, 1963
Potentiated January 24, 1963. Pumped 65 bbls of fluid in
24 hrs, of which approximately 46 bbls was oil and 19 bbls
was water.

Recovered 1000 barrels lead oil by flow, sweep and pump from January 1 through January 23, 1963. Potentiated January 24, 1963. Pumped 65 bbls of fluid in 24 hrs, of which approximately 46 bbls was oil and 19 bbls was water.

• J232A 80A

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