



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

RECEIVED

JUN 20 1961

WELL RECORD

O. C. C.
ARTESIA, OFFICE

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

LEONARD OIL COMPANY
(Company or Operator)

MIDWEST
(Lease)

Well No. 1, in NW 1/4 of NE 1/4, of Sec 8, T. 16S, R. 31E, NMPM.
Undesig Pool, Eddy County.
Well is 660 feet from north line and 1980 feet from east line
of Section 8. If State Land the Oil and Gas Lease No. is
Drilling Commenced May 22, 1961. Drilling was Completed June 1, 1961
Name of Drilling Contractor Donnelly Drilling Co., Inc.
Address Artesia, New Mexico
Elevation above sea level at Top of Tubing Head 4052. The information given is to be kept confidential until
, 19.

OIL SANDS OR ZONES

No. 1, from 3388 to 3439 No. 4, from
No. 2, from to No. 5, from
No. 3, from to No. 6, from

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet
No. 2, from to feet
No. 3, from to feet
No. 4, from to feet

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8 5/8	24	New	215	Tex. Pattern			Surface
4 1/2	9.5	New	3451	Guide		3390, 3398, 3430	Production

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11	8 5/8	215	125	Pump & plug		
7 7/8	4 1/2	3451	200	Pump & plug		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Perf w/Walex Frac Jet #3390, 3398 & 3430. Treated w/25,000 gals refined oil and 30,000# sand thru above perfs.

Result of Production Stimulation After recovered load oil, flowed 113 bbls in 24 hrs thru 24/64.
TD 100# CP 300#.

Depth Cleaned Out

RD OF DRILL-STEM AND SPECIAL TEST

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from 0 feet to 3457 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing June 10, 19 61

OIL WELL: The production during the first 24 hours was 115 barrels of liquid of which 100 % was
was oil; % was emulsion; % water; and % was sediment. A.P.I.
Gravity 34

GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of
liquid Hydrocarbon. Shut in Pressure lbs.
Length of Time Shut in

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

LOG TOPS:		Southeastern New Mexico		Northwestern New Mexico	
T. Anhy.		T. Devonian		T. Ojo Alamo	
T. Salt		T. Silurian		T. Kirtland-Fruitland	
B. Salt		T. Montoya		T. Farmington	
T. Yates		T. Simpson		T. Pictured Cliffs	
T. 7 Rivers		T. McKee		T. Menefee	
T. Queen	2700	T. Ellenburger		T. Point Lookout	
T. Grayburg		T. Gr. Wash.		T. Mancos	
T. San Andres	3437	T. Granite		T. Dakota	
T. Glorieta		T. Premier	3383	T. Morrison	
T. Drinkard		T.		T. Penn.	
T. Tubbs		T.		T.	
T. Abo		T.		T.	
T. Penn.		T.		T.	
T. Miss.		T.		T.	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	50	50	Surface sand & caliche				
50	1215	1165	Red bed				
1215	1550	335	Red bed & salt				
1550	1843	293	Salt				
1843	2700	957	Anhy & red bed				
2700	2715	15	Sand (Red)				
2715	3186	471	Anhy				
3186	3372	186	Anhy & lime				
3372	3422	50	Core #1 - See core description				
3422	3453	31	Core #2 " " "				
3453	3456	3	Depth correction to log.				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Company or Operator LEONARD OIL COMPANY Address P.O. BOX 400
Name ORIGINAL SIGNED BY FOWLER HIX Position or Title General Manager
GENERAL MANAGER

LEONARD OIL CO.

P. O. BOX 400
ROSWELL, NEW MEXICO

June 16, 1961

RECEIVED

JUN 20 1961

D. C. C.
ARTERIA, OFFICE

MIDWEST No. 1 Well

CORE #1 3372 - 3422 Recovered 50'

3372 - 82 Anhydrite w/red silty shale inclusions
3382 - 84 Red silty shale.
3384 - 85 Tan dense lime.
3385 - 90 Gray fine grain sand w/oil stain & odor.
3390 - 91 Tan dense lime.
3391 - 94 Red silty shale.
3394 - 97 Gray fine grain tight sand with stain & odor.
3397 - 98 Red silty shale.
3398 - 3401 Tan dense lime.
3401 - 06 Red silty shale.
3406 - 12 Tan dense lime.
3412 - 15 Red silty shale.
3415 - 16 Red silty shale w/lime inclusions.
3416 - 18 Red silty shale.
3418 - 22 Red shaley sand.

CORE #2 3422 - 53 Recovered 31'

3422 - 23 Red shaley sand.
3423 - 24 Tan dense lime.
3424 - 25 Red fine grain sand.
2425 - 28 Gray fine grain sand w/stain & odor.
2428 - 29 Tan dense lime.
3430 - 34 Gray tight sand w/some stain & odor.
3434 - 53 White dense fractured dolomite.

OIL CONSERVATION COMMISSION		
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