

DUPLICATE

FORM C-105

N

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

AREA 640 ACRES
LOCATE WELL CORRECTLY

WELL RECORD

RECEIVED
SEP 26 1940
REGISTERED
HOBBS OFFICE

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE.

Herbert Aid

Artesia, New Mexico

Company or Operator

Address

Leonard State

Well No. 1

in 52 SW

of Sec. 16

T. 17

Lease

R. 29

N. M. P. M. Leonard

Field

Eddy

County

Well is _____ feet south of the North line and _____ feet west of the East line of _____

If State land the oil and gas lease is No. _____ Assignment No. _____

If patented land the owner is _____ Address _____

If Government land the permittee is _____ Address _____

The Lessee is _____ Address _____

Drilling commenced August 4, 1940 Drilling was completed September 24, 1940

Name of drilling contractor V. S. Welch Address Artesia, New Mexico

Elevation above sea level at top of casing _____ feet.

The information given is to be kept confidential until _____ 19 _____

OIL SANDS OR ZONES					
(Gas)	No. 1, from 1210	to 1220	No. 4, from 2600	to (Small Showing Gas)	
(Oil)	No. 2, from 1265	to 1275	No. 5, from 2790	to (Small Showing Oil)	
(Gas)	No. 3, from 2265	to 2267	No. 6, from 2886	to 2892	(Oil)
(Oil)	2390				

IMPORTANT WATER SANDS

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

No. 1, from 115 to 120 feet.

No. 2, from _____ to _____ feet.

No. 3, from _____ to _____ feet.

No. 4, from _____ to _____ feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	PUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
8 5/8	225	Feet			3				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth Set _____

Adapters—Material _____ Size _____

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT

Results of shooting or chemical treatment _____

RECORD OF DRILL-STEM AND SPECIAL TESTS

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 _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to 3053 feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing _____, 19 _____

The production of the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ %

emulsion; _____ % water; and _____ % sediment. Gravity, Be _____

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

James Byler

Driller

C. L. Blount

Driller

C. M. Oliver

Driller

Driller

FORMATION RECORD ON OTHER SIDE

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.

Subscribed and sworn to before me this 25

Artesia, N.M.

4-23-40

day of September 19 40

Name Herbert Aid

Position

Representing

Company or Operator

My Commission expires December 6, 1943

Address Artesia, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	8		Caliche
8	50		Red Beds
50	115		Shale, Shell & Gyp
115	125		Gray Sand
125	170		Sandy Shale
170	190		Gyp
190	210		Red Bed
210	220		Red Shale
220	240		Gyp
240	255		Red Bed and Gyp
255	680		Salt
680	915		Anhydrite
915	960		Anhydrite & Brown shale breaks
960	1105		Anhydrite
1105	1140		Anhydrite & Red Breaks
1140	1400		Anhydrite
1400	1435		Anhydrite & Lime
1435	1485		Anhydrite
1485	1500		Anhydrite & Red Sand
1500	1540		Anhydrite and Lime
1540	1685		Anhydrite
1685	1700		Anhydrite & Sand Breaks
1700	1720		Anhydrite
1720	1740		Red Sand
1740	1790		Anhydrite
1790	1810		Anhydrite & Lime
1810	1860		Anhydrite
1860	1880		Lime
1880	1930		Anhydrite
1930	1960		Anhydrite & Lime
1960	1991		Anhydrite
1991	2000		Sand & Red & Gray
2000	2030		Anhydrite & Shale
2030	2060		Anhydrite
2060	2070		Brown Lime
2070	2080		Anhydrite & Sand
2080	2090		Brown Lime
2090	2120		Lime
2120	2138		Gray Lime
2138	2215		Lime
2215	2225		Gray Lime
2225	2265		Lime
2265	2267		Sand & Lime
2267	2292		Lime
2292	2300		Lime & Brown Sand
2300	2315		Gray & Brown Lime
2315	2372		Lime
2372	2886		Lime - Black
2886	3053		Lime

TOTAL DEPTH 3,053 Feet