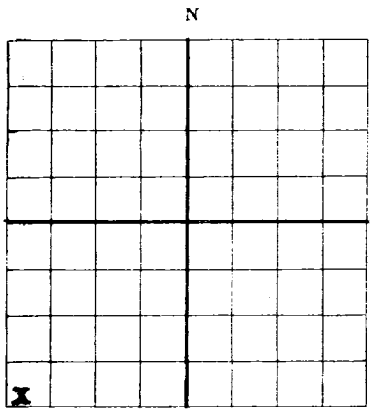
FORM C-105



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

DUPLICATE

WELL RECORD

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.

C. B. Buck Company or Operator 806½ N. Canal St., Carlsbad, New Mex. Address

State Lease Well No. 1 in Lot 4 of Sec. 31, T. 16 S.

R. 29 E., N. M. P. M., High Lonsome Field, Eddy County.

Well is 4950 feet south of the North line and 4290 feet west of the East line of Sec. 31.

If State land the oil and gas lease is No. B 2884 Assignment No.

If patented land the owner is , Address

If Government land the permittee is , Address

The Lessee is , Address

Drilling commenced Nov. 20 1939 Drilling was completed Jan. 27 1940

Name of drilling contractor Walker & Reddell, Address Artesia, New Mex.

Elevation above sea level at top of casing ~~3669~~ 3660' feet.

The information given is to be kept confidential until 19.

OIL SANDS OR ZONES

No. 1, from 1750 to 1795 No. 4, from to

No. 2, from 2120 to 2145 No. 5, from to

No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

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

No. 1, from 90 to 100 feet. 10 bbls. per hour

No. 2, from 135 to 200 feet. Salt water

No. 3, from 1513 to 1558 feet. Rose 350 ft.

No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM	PERFORATED TO	PURPOSE
8"	32 lb.			450 ft.					
7"od	24 lb.			1660ft.					

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
10"	8"	450ft.	50	Haliburton		
8"	7"od	1660ft.	75	Haliburton		

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
5"		Nitro g.	130	2/2/40	2130-45	2160

Results of shooting or chemical treatment Fluid rose 1400 ft. in the casing. Pumped 10 bbls. in 24 hours first day.

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 top ~~feet~~ to bottom ~~feet~~, and from feet to feet

PRODUCTION

Put to producing 2/9/40 19

The production of the first 24 hours was 10 barrels of fluid of which 99 % was oil; 0 % emulsion; 0 % water; and 1 % sediment. Gravity, Be 32

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. L. Walker, Driller Jess Reddell, Driller

C. Ford, 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 13th day of February 1940

Notary Public

My commission expires Dec 12-1942

Carlsbad, New Mex. Feb. 13, 1940
Place Date

Name C. B. Buck

Position Operator

Representing C. B. Buck
Company or Operator

Address 806½ N. Canal St.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
30	40	10	Red beds
40	80	40	Gyp rock
80	90	10	Red beds
90	100	10	Gyp and sand with water
100	130	30	Red beds
130	140	10	Water sand
140	185	45	Red beds
185	200	15	Gypsum and gray shale
200	615	415	Salt
615	625	10	Anhydrite and shale
625	630	5	Red clay
630	665	35	Anhydrite, Salt and red beds
665	785	120	Anhydrite
785	840	55	Red rock
840	850	10	Brown sand
850	1000	150	Anhydrite
1000	1025	25	Red beds
1025	1170	145	Anhydrite
1170	1185	15	Sand and shale
1185	1340	155	Anhydrite
1340	1360	20	Hard brown sand
1360	1375	15	Gray sand
1375	1390	15	Brown sand and annydrite
1390	1420	30	Anhydrite
1420	1425	5	Blue shale
1425	1560	135	Anhydrite and red bed. Water at 1558
1560	1635	75	Hard red sand
1635	1690	55	Anhydrite
1690	1700	10	Brown lime
1700	1745	45	Lime with red bed break
1745	1760	15	Anhydrite and shale
1760	1945	185	Sand and shale
1945	1965	20	Red beds
1965	1985	20	Anhydrite
1985	2035	50	Lime
2035	2055	20	Red rock
2055	2120	65	Lime
2120	2145	25	Lime, sand, and shale. Showing free oil 2130-45
2145	2185	40	Lime
2185	2290	105	Sand, lime, and shale. Anhydrite breaks.
2290	2296	6	Gray lime
2296	2300	4	Brown lime
2300	2325	25	Sand and shale
2325	2652	327	Hard gray lime
2652	Bottom hole		p. b. to 2170