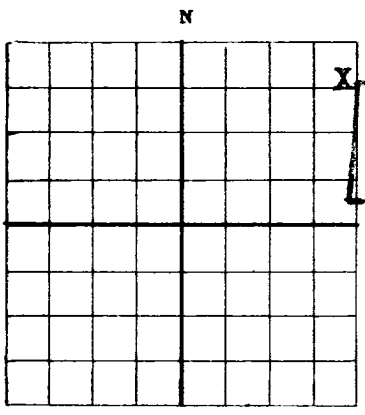
FORM C-105



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

DUPLICATE

Santa Fe, New Mexico

WELL RECORD

RECEIVED
APR 1 1940
ROSWELL 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.

C. B. Buck (Company or Operator) 806½ N. Canal Street, Carlsbad, New Mexico (Address)

Lockhart (Lease) Well No. 1 in Lot 1 of Sec. 1, T. 17 S

R. 28 E, N. M. P. M., Red Lake Field, Eddy County.

Well is 330 feet south of the North line and 330 feet west of the East line of Sec. 1

If State land the oil and gas lease is No. B-8084 Assignment No. 1

If patented land the owner is _____, Address _____

If Government land the permittee is _____, Address _____

The Lessee is C. B. Buck, Address 806½ N. Canal, Carlsbad, NM

Drilling commenced February 15 19 40 Drilling was completed March 25 19 40

Name of drilling contractor Walker & Reddell, Address Artesia, N. M.

Elevation above sea level at top of casing 3651 feet.

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

OIL SANDS OR ZONES

No. 1, from 1775 to 1790 No. 4, from _____ to _____

No. 2, from 2112 to 2135 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 160 to 170 feet. Rose 100 ft. Fresh w.

No. 2, from 1550 to 1560 feet. # 30#. Salt wate

No. 3, from _____ to _____ feet. _____

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.			381'	Reg.				
7"OD.				1916'	Reg.				

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"	381'	50	Haliburton		
6"	7"OD	1916'	75	"		

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
6"	5"	Nitro	120qts.	3/25/40	2120'	2135'

Results of shooting or chemical treatment Well bridged above shot. Cleaned out ten days. 18...' oil in hole in twelve hours, after bridge removed.

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 ~~XXX~~ to 2140 feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing April 10 19 40

The production of the first 24 hours was 55 barrels of fluid of which 98 % was oil; 1 % emulsion; _____ % water; and 1 % sediment. Gravity, Be 34

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

Rock pressure, lbs. per sq. in. 650

EMPLOYEES

Walker, Driller Ford, Driller

Red ell, 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 12th day of April 19 40

Claude C. Coca
Notary Public

My Commission expires Dec 12-1942.

Carlsbad April 12 1940
Place Date

Name C. B. Buck

Position _____

Representing _____
Company or Operator

Address _____

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	50	50	Gyp rock
50	160	110	Red bed
160	170	10	water sand
170	190	20	Red bed
190	580	390	Salt
580	800	220	Anhydrite
800	825	25	Red rock
825	830	5	Red shale
830	855	25	Gray sand
855	890	35	Red bed
890	1275	385	Anhydrite
1275	1305	30	Red and blue shale
1305	1315	10	Anhydrite
1315	1370	55	Red bed
1370	1550	180	Anhydrite
1550	1560	10	Brown sand - water
1560	1570	10	Red sand
1570	1585	15	Anhydrite
1585	1770	185	Lime
1770	1786	16	Gray oil sand
1786	1795	9	Sandy lime
1795	1805	10	Gray sand
1805	1815	10	Sandy lime
1815	1845	30	Sand
1845	1865	20	Brown lime and sand
1865	1875	10	Brown lime
1875	1895	20	Brown sand
1895	1905	10	Sandy lime
1905	1920	15	Sand and shale
1920	1945	25	Brown lime
1945	1955	10	Red rock
1955	2025	70	Lime and anhydrite
2025	2035	10	Brown lime
2035	2040	5	Hard gray lime
2040	2055	15	Sand
2055	2065	10	Red rock and anhydrite
2065	2118	53	Gray lime
2118	2135	17	oil sand
2135	2140	5	Lime