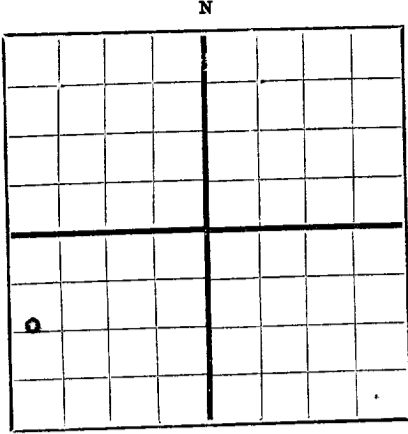


DUPLICATE

RECEIVED
AUG 13 1949
HOBBS OFFICE

FORM C-105

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico



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 TRIPPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

AREA 640 ACRES
LOCATE WELL CORRECTLY
R. G. Clay

1804 Fair Bldg., Fort Worth, Texas

Cowden Company or Operator 3-A W 1/2 W 1/2 30dress 23
Well No. 37 in 37 of Sec. T
Lease Langlie-Mattix Lea
R. 2150, N. M. 100 M. 100 S. 660 Field, 100 W. 100 Section 30 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. Jal, New Mexico
If patented land the owner is, Address.
If Government land the permittee is, Address.
The Lessee is 7/8 49, Address 8/11 49
Drilling commenced 19 49 Drilling was completed 8/11 19
Name of drilling contractor Clay & Gackle Contracting Co. Hobbs, New Mexico
Elevation above sea level at top of casing 3341 feet.
The information given is to be kept confidential until 19.

3550 OIL SANDS OR ZONES 3759
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
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	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
10 3/4	32.70	8 R	N	230	Guide	Shoe			
7 5/8	26.40	8 R	N	1235	Guide	Shoe			
5 1/2	14.	8 R	N	3515	Float &	Guide			

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS 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
4"	A. G. Bomb	SOME #1	326 Qts.	8/11/49		3550 - 3759

Well made 20 Bbls. before shot and 70 Bbls. after shot.
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 0 feet to 3759 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing July 11 19 49
The production of the first 24 hours was 70 barrels of fluid of which 100 % was oil; % emulsion; % water; and % 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.

EMPLOYEES

John Wells Driller E. O. Seaborn Driller
C. L. Edwards 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 11th Hobbs, New Mexico 8/11/49
day of August 19 49 Name Partner
Notary Public R. G. Clay
Representing R. G. Clay
Company or Operator
Address Fort Worth, Texas
My Commission expires 12/29/51

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	20	20	Surface & Caliche
20	200	180	Sand & Gravel
200	1210	1010	Red Bed
1210	1290	80	Anhydrite
1290	2780	1490	Salt
2780	2810	30	Anhydrite
2810	2950	140	Brown Limestone
2950	3210	260	Yates Sand
3210	3550	340	Limestone
3550	3759	209	Queen Sand

Set 230' of 10 3/4" OD 32.70# 3R Thrd. Casing at 239' and cemented with 250 sacks. Tested casing with 400# pressure; tested O.K.

Set 1235' of 7 5/8" OD 26.40# 8R Thd. Casing at 1243' and cemented with 500 sacks. Tested same with 1000# pressure; tested O.K.

Set 3515' of 5 1/2" OD 14# 3R Thd. Casing at 3523' and cemented with 600 sacks. Halliburton Temperature Survey showed top of cement behind 5 1/2" casing to be at 1000'. Tested 5 1/2" casing with 1200# pressure; tested O.K.

Well was drilled to a total depth of 3759' and Lane Wells Electric Survey was run, showing streaks of Queens Sand from 3550' to 3759'. Well was tested and made 20 Bbls. of oil in 24 Hrs.

Well was then shot with 326 qts. of SOWE #1 from 3550' to 3759' and cleaned out. Well tested 70 Bbls. in 24 Hrs.