



AREA 640 ACRES
LOCATE WELL CORRECTLY

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

R. G. CLAY Fort Worth, Texas
Company or Operator Address
George Etz Well No. 2 in SW/4 of Sec. 27, T. 23 S
Lease
R. 36 #, N. M. P. M. Langlie-Mattix Field, Lea County.
Well is 3630' feet south of the North line and 4950 feet west of the East line of Section 27
If State land the oil and gas lease is No. _____ Assignment No. _____
If patented land the owner is Combest, Address Jal, New Mexico
If Government land the permittee is _____, Address _____
The Lessee is R. G. CLAY et al, Address Fort Worth, Texas
Drilling commenced May 5 19 49 Drilling was completed May 21 19 49
Name of drilling contractor CLAY & GACKLE, Address Fort Worth, Texas
Elevation above sea level at top of casing 3437 feet.
The information given is to be kept confidential until _____ 19 _____

OIL SANDS OR ZONES

No. 1, from 2980' to 3100' No. 4, from _____ to _____
No. 2, from 3100' to 3323' No. 5, from _____ to _____
No. 3, from 3388' to 3394' 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	
<u>8-5/8"</u>	<u>22.55</u>	<u>8</u>	<u>DL</u>	<u>1205'</u>	<u>Guide shoe</u>				
<u>5-1/2"</u>	<u>14</u>	<u>8</u>	<u>SS</u>	<u>3410'</u>	<u>Float collar & guide shoe</u>				
<u>2"</u>	<u>4.7</u>	<u>8</u>	<u>SS</u>	<u>3375'</u>					

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

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 3411 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing May 21 19 49
The production of the first 24 hours was 208 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, Be. 29
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller
_____, 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 28th day of May, 19 49

Notary Public
My Commission expires March 12, 1951

Place Hobbs, New Mexico Date May 28, 1949
Name _____
Position Superintendent
Representing R. G. CLAY
Company or Operator
Address Fort Worth, Texas

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	20	20	Surface and caliche
20	225	205	Sand and Gravel
225	1195	970	Red bed
1195	1315	120	Anhydrite
1315	2780	1465	Salt
2780	2980	200	Anhydrite
2980	3100	120	Brown lime
3100	3323	223	Yates Sand
3323	3388	65	Lime
3388	3411	23	Seven Rivers Sand
			TD 3411'
			DST #1: 3323-3355 (32'). Tool open 2 hours. Gas to surface in 3 minutes. Water, oil and gas cut mud in 20 minutes. Flowed at rate of 3 barrel per hour 50% water and 50% heavily oil and gas cut mud. 20 minute BUP 2075#, Maximum flowing pressure 700#, minimum flowing pressure 310#.
			DST #2: 3343'-3354' (11'). Tool open 1 hour Gas to surface in 5 minutes. Recovered 2220' of water, oil and gas cut mud, estimated 75% water.
			DST #3: 3367'-3380' (13'). Tool open 1 hour 35 minutes. Recovered 270' of oil and gas cut mud (estimated 75% water) and 360' of clear sulphur water.
			DST #4: 3387'-3395' (8'). Tool open 4 hours. Gas to surface in 1½ minutes. Heavily mud cut oil in 1½ minutes, oil in 20 minutes, flowed in pits 1½ hours and then flowed 35 barrel oil per hour to tanks for 2 hours.
			Set 1194' of 8-5/8" OD 22.55# 8 RT National Tube casing at 1205.52' and cemented with 450 sax. Cement circulated.
			Set 3399' of 5½" OD 14# 8 RT J-55 S S casing at 3410' and cemented with 600 sax. Temperature survey shows top of cement behind 5½" to be at 460'.
			Perforated 5½" casing with Lane-Wells gun from 3388'-3394' with 4 shots per foot.