

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.

Company or Operator Walden Well No. 2 in NE1/4 of Sec. 21, T. 22-S
Lease R. 37-E, N. M. P. M., Penrose Field, Lea County.
Well is 660 feet south of the North line and 3300 feet west of the East line of Sec. 21
If State land the oil and gas lease is No. _____ Assignment No. _____
If patented land the owner is Anna Walden, Address ?
If Government land the permittee is _____, Address _____
The Lessee is Empire Oil and Refining, Address Hobbs, New Mexico
Drilling commenced 5-4 19 37 Drilling was completed 6-25 19 37
Name of drilling contractor Service Drilling Co., Address Big Spring, Texas
Elevation above sea level at top of casing 3372 feet.
The information given is to be kept confidential until _____ 19 _____

OIL SANDS OR ZONES

No. 1, from 3460 to 3613 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 FROM	TO	PURPOSE
8 5/8"	32	10		1250	float				
7"	24	10		3385	float				
2" tub.	4.7	10		3455					

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
8 5/8"		1250	450	Halliburton		
7"		3385	150	Halliburton		

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
		Explosive	570	6-10-37	3460-3610	3613

Results of shooting or chemical treatment Well was spraying a small amount of oil before shooting after shot the well made 110 barrels of pipe line oil in 24 hours.

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 0 feet to 3613 feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing 7-1 19 37
The production of the first 24 hours was 110 barrels of fluid of which 100 % 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

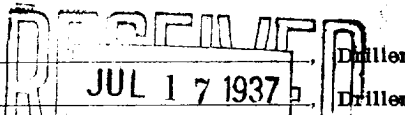
O. G. Carroll, Driller Rex Purdy
Jimmie Cade, Driller _____

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 15th
day of July, 1937
L. W. Jernigan
Notary Public
My Commission expires 6-26-39

Hobbs, New Mexico 7-15-37
Place Date
Name L. G. Stolz
Position Division Clerk
Representing Empire Oil & Refining
Company or Operator
Address Hobbs, N. Mex



DUPLICATE

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	110	110	Caliche
110	160	50	Red rock
160	780	620	Red rock and shells
780	815	35	Red rock
815	900	65	Sand
900	910	10	Red rock
910	950	40	Red sandy shale
950	1020	70	Red rock and sand
1020	1130	110	Red rock and shells
1130	1195	65	Anhydrite
1195	1200	5	Sandy anhydrite
1200	1205	5	Red rock
1205	1245	30	Broken anhydrite
1245	1270	25	Anhydrite
1270	1280	10	Salt
1280	1300	20	Salt and red rock
1300	1350	50	Red rock and anhydrite
1350	1365	15	Salt
1365	1410	45	Red rock and salt
1410	1420	10	Anhydrite
1420	1430	10	Salt and red rock
1430	1455	25	Anhydrite
1455	1480	25	Salt
1480	1630	160	Anhydrite and salt
1630	1690	60	Salt and potash
1690	1765	75	Salt
1765	1840	75	Salt and anhydrite
1840	1990	150	Salt and potash
1990	2180	190	Salt and anhydrite
2180	2205	25	Salt and potash
2205	2245	40	Anhydrite
2245	2300	55	Salt and potash
2300	2375	75	Salt and anhydrite
2375	2410	35	Salt and potash
2410	2995	585	Anhydrite
2995	3235	240	Lime and anhydrite
3235	3335	100	Anhydrite
3335	3355	20	Lime
3355	3375	20	Anhydrite
3380	3470	90	Lime
3470	3485	15	Sand and lime
3485	3515	30	Lime
3515	3525	10	Sand and lime
3525	3610	5	Lime

Total depth 3610'