

N

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico


AREA 640 ACRES  
LOCATE WELL CORRECTLY

## 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.

J. C. Watson Drilling Co.

Artesia, New Mexico

PDWLER HAIR

Company or Operator

Address

Well No. 4

in

NE 1/4 NW 1/4

of Sec. 14

T. 24S

R. 37E

Lease

Langlie-Mattix

Field,

RRA

Lea

County.

Well is 660 feet south of the North line and 660 feet west of the East line of Sec. 14-24S-37E

If State land the oil and gas lease is No. 804 Series Assignment No.

If patented land the owner is Fowler Hair Address Jal, N. Mex.

If Government land the permittee is Address

The Lessee is J. C. Watson Drilling Co.

Address Box 536, Artesia, N.M.

Drilling commenced March 14, 1945 Drilling was completed May 4, 1945

Name of drilling contractor J.C. Watson Dlg. Co. Address

Elevation above sea level at top of casing feet.

The information given is to be kept confidential until 19

## OIL SANDS OR ZONES

No. 1, from 3590 to 3592 No. 4, from to

No. 2, from 3630 to 3644 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 590 to 620 feet.

No. 2, from 1120 to 1130 feet.

No. 3, from 3645 to 3650 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	
8-5/8	28#	8"	S.H.	1290'	8" Texas	Pattern Show	Surface	Shut-off	water

## 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 3/4"	8"	1290'	75	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
		Well was not shot.				

Results of shooting or chemical treatment Was not shot

## 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 3650 feet, and from feet to feet

## PRODUCTION

Put to producing 19 NONE

The production of the first 24 hours was barrels of fluid of which % 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

R. L. Morris

Driller

F. H. Sandwich

Driller

G. C. Parrish

Driller

D. R. Selman

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 25th

day of May 1945

Notary Public

My Commission expires Feb 25, 1947

Artesia, N.M. May 25, 1945

Name, Reg G B Moore

Position, Authorized Agent

Representing J.C. Watson Drilling Co.

Address, Box 536, Artesia, N.M.

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	98	98	Sand
98	<del>252</del> 330	232	Red bed
330	400	70	Red Rock
400	490	90	Red bed
490	515	25	Blue Shale
515	570	55	Sand
570	630	60	Red bed - Water 590'
630	685	55	Gray Sand
685	700	15	Red Bed
700	735	35	Sandy Shale
735	825	125	Red bed
825	875	50	Red rock
875	935	60	Red bed
935	1000	65	Red Shale
1000	1115	115	Anhydrite
1115	1120	5	Red Rock Water - 1120'
112-	1130	10	Anhydrite
1130	1175	45	Red Bed
1175	1210-	35	Red rock, Anhy. & Salt - Top Salt 1175'
1210	1260	50	Salt & Red rock
1260	1350	90	Anhydrite
1350	1375	25	Salt & Potash
1375	1415	40	Broken Salt
1415	1445	30	Anhydrite
1445	1495	50	Salt & Potash
1495	1520	<del>25</del> 25	Salt
1520	1525	5	Anhydrite
1525	1560	35	Salt
1560	1615	55	Salt & Potash
1715	1725	10	Anhydrite
1725	1760	35	Salt & Potash
1760	1795	35	Salt & Potash
1795	1990	195	Salt
1990	2015	25	Salt & Potash
2015	2050	35	Salt
2050	2090	40	Anhydrite
2090	2130	40	Salt
2130	2155	25	Anhydrite
2155	2170	15	Salt
2170	2215	45	Broken Anhydrite
2215	2300	85	Salt
2300	2350	50	Anhydrite
2350	2370	20	Salt
2370	2375	5	Anhydrite
2375	2470	95	Salt
2470	2495	25	Salt & Potash
2495	2500	5	Salt Base of salt - 2500'
2500	2725	225	Anhydrite
2725	2840	115	Broken Anhydrite
2840	2880	40	Anhydrite
2880	3000	20	Broken Anhydrite
3000	3040	40	Anhydrite
3040	3055	15	Lime
3055	3080	25	Anhydrite
3080	3165	85	Anhydrite & Lime
3165	3180	15	Lime
3180	3220	40	Anhydrite & Lime
3220	3280	60	Lime
3280	3300	20	Broken Lime
3300	3600	300	Lime Oil & Gas show 3590-92' (slight)
3600	3615	15	Sand
3615	3630	15	Sandy Lime
3630	3644	14	Sand Oil, Gas & Water
3644	3650	6	Lime

Total Depth - 3650 ft.