

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 TRIPLICATE.

Culbertson & Irwin and Plains Production Company,

J. B. Humphrey

Company or Operator

Lease

et als

Well No. 3

in SW of NE

of Sec. 3

T. 25 S

R. 37 E

N. M. P. M.

Jal

Field,

Lea

County.

Well is 1650 feet south of the North line and 1850 feet west of the East line of said sec. 3

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

If patented land the owner is J. B. Humphrey

Address Los Angeles, Cal.

If Government land the permittee is

Address

The Lessee is Culbertson & Irwin, P. Prod. Co.

Address Midland, Texas.

Drilling commenced Sept. 4, 1937.

19

Drilling was completed

Nov. 4, 1937.

19

Name of drilling contractor Plains Production Company

Address

Jal, New Mex.

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 3345

to

No. 4, from

to

No. 2, from 3370

to

3390

No. 5, from

to

No. 3, from 3400

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 65

to

75

feet.

rose to 50 feet.

No. 2, from 435

to

445

feet.

160

No. 2, 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
15 1/2	70	22 8	Nat	170	Texas				
8-5/8"	32	22 8	J & L	1300	Halliburton				
7"	24	10							

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
18	15 1/2	170	50	Halliburton		
15 1/2	10	230		Pulled		
10	8 5/8	1300	150	Halliburton.		
8 1/2	7"	3220	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

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 feet to feet, and from feet to feet

Cable tools were used from top feet to bottom feet, and from feet to feet

PRODUCTION

Put to producing Nov. 15, 1937.

19

The production of the first 24 hours was 250 barrels of fluid of which 100 % was oil; 0 %

emulsion; 0 % water; and 0 % sediment. Gravity, Be 40

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

Rock pressure, lbs. per sq. in. About 1200

EMPLOYEES

R. T. Helms

Driller

Driller

W. J. G. Fink,

Driller

Driller

Clyde Hicks. 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 24

Jal, New Mexico, Nov. 24, 1937.

Place

Date

day of November, 1937

Name H. H. Munn

Position Partner & Associate.

Representing Culbertson & Irwin, Plains Prod. Co.

Company or Operator

My Commission expires

Address Jal, New Mexico.

Notary Public.

Peter Birk, commission

expire May 17, 1941

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	10	10	Cellar.
10	35	25	Caliche
35	49	14	Flint rock
49	85	36	Sandy red rock, Fresh water at 65-75
85	120	35	Yellow clay.
120	190	70	Red rock, shale.
190	205	15	Blue shale
205	350	145	Red rock, shale.
350	390	40	Blue shale.
390	425	35	Red rock, shale.
425	490	65	Gray sand, Hole full fresh water, 435-445.
490	500	10	Blue shale.
500	520	20	Gray sand.
520	640	120	Gray, sandy shale.
640	740	100	Red rock, shale
740	750	10	Gypsum.
750	980	230	Red rock, shale.
980	1097	117	Anhydrite.
1097	1107	10	Water sand, salt water.
1107	1115	8	Red rock.
1115	1125	10	Anhydrite.
1125	1130	5	Red rock.
1130	1135	5	Anhydrite.
1135	1275	140	Red rock, shale.
1275	1300	25	Salt.
1300	1317	17	Anhydrite.
1317	1525	208	Salt, with streaks of Anhydrite.
1525	1720	195	Salt.
1720	1770	50	Anhydrite.
1770	1975	205	Salt.
1975	2160	180	Salt, Anhydrite shells.
2160	2360	200	Salt.
2360	2400	40	Anhydrite.
2400	2420	20	Anhydrite and Lime.
2420	2530	110	Lime with streaks of Anhydrite.
2530	2600	70	Lime shells with shale breaks.
2600	2655	55	Anhy. with lime shells.
2655	2770	115	Anhydrite.
2770	2800	30	Shale, Anhy. shells.
2800	2870	70	Anhydrite and Lime.
2870	2990	120	Brown lime.
2990	3090	100	Lime
3090	3115	25	Anhydrite and Lime shells.
3115	3185	70	Lime with shale breaks.
3185	3370	185	Lime
3370	3390	20	Lime, shale.
3390	3445	55	Lime, sandy shale.