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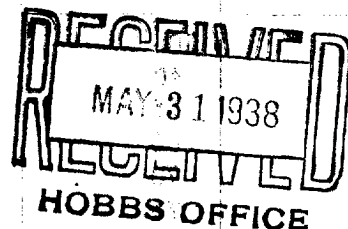
NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

#0911

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.

DUPLICATE

Culbertson & Irwin, Inc., Plains Production Company,

Humphrey

Company or Operator

Well No. 16 in SW 1/4 SE of Sec. 3

Lease

T 255

R. 37 E, N. M. P. M., Jal Field, Lea County.

Well is 4290 feet south of the North line and 1650 feet west of the East line of Sec. 3-25-37

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

If patented land the owner is J.B. Humphrey et als, Address Los Angeles, Calif.

If Government land the permittee is, Address

The Lessee is Culbertson & Irwin, Inc., Address Midland, Texas.

Drilling commenced March 20, 1938, Drilling was completed May 17, 1938.

Name of drilling contractor Plains Production Co., Address Jal, New Mex.

Elevation above sea level at top of casing feet.

The information given is to be kept confidential until 1931

OIL SANDS OR ZONES

No. 1, from 3307 to 3323 No. 4, from to
 No. 2, from 3370 to 3377 No. 5, from to
 No. 3, from 3407 to 3411 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 76 to 80 in gravel feet. Rose to 60 feet.
 No. 2, from 430 to 435 Sand. Hole full feet. 100
 No. 2, from 1120 to 1125 salt water sand. 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
12 1/2	50	8	J & L 194	134	Texas			Surface
8-5/8	32	8	do	1327	Texas pattern			Salt
7	24	10	do	2175	Haliburton			Oil

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12 1/2	12 1/2	194	80	Haliburton		
10	8-5/8	1127	100	do		
8 1/2	7	2175	150	do		

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
6" hole	4"	Solidified	430 qts.	5/19/38	3298-3425	Top

Results of shooting or chemical treatment Good

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 To go on June 1, 1938. 19
 The production of the first 24 hours was 20 bbls. per hour through casing. pure oil.
 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. 1200

EMPLOYEES

W. H. Hayes, Driller Claude Hicks, Driller
 W. J. G. Fink, 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 26th

day of May, 1938

John A. Stewart
Notary Public.

My Commission expires Sept. 13, 1941

Jal, New Mexico, May 26, 1938.

Place Date

Name H. H. Homan

Position Associate & Partner.

Representing Culbertson & Irwin, Inc.,
Plains Production Co.

Company or Operator

Address Jal, New Mexico.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	10	10	Cellar
10	40	40	Caliche
40	55	15	Surface sand.
55	66	11	Very hard lime shell.
66	70	4	Gravel
70	76	6	flint rock.
76	80	4	Gravel, water.
80	225	245	Red, gray shale.
225	375	150	Gray sandy shale.
430	438	8	Gray water sand.
438	470	32	Red rock.
470	500	30	Hard gray sand.
500	560	60	Red rock.
560	640	80	Gray sandy shale.
640	1000	360	Red rock.
1000	1115	115	Anhydrite.
1115	1120	5	Red rock.
1120	1125	5	Water mud, salt water.
1125	1135	10	Anhydrite.
1135	1140	5	Red rock.
1140	1150	10	Anhydrite.
1150	1300	150	Red rock.
1300	1310	10	Anhydrite.
1310	1315	5	Blue shale.
1315	1320	5	Red rock.
1320	1327	7	Salt.
1327	1350	23	Anhydrite.
1350	1430	80	Salt & Polyhalite.
1430	1575	145	Salt & Anhydrite.
1575	1600	25	Salt & Red rock.
1600	1725	125	Salt.
1725	1840	115	Salt & Anhydrite.
1840	1950	110	Salt.
1950	1960	10	Salt, Poly.
1960	2120	160	Anhydrite.
2120	2370	250	Salt & Anhy. (2370 base)
2370	2375	5	Brown lime.
2375	2385	10	White Anhy.
2385	2425	40	Lime & Anhy.
2425	2540	115	Lime, gray.
2540	2645	105	Lime, broken shale.
2645	2655	10	Gray lime.
2655	2720	65	Lime & Anhy. shells.
2720	2810	90	Gray lime.
2810	2980	170	Brown lime.
2980	3060	80	Lime, brown & Gray.
3060	3175	115	Lime & Anhydrite.
3175	3275	100	Lime, gray, broken shale. Gas. 3250
3275	3293	18	Lime.
3293	3307	14	Gray lime, broken shale.
3307	3323	16	Oil sand, oil.
3323	3370	47	Lime.
3370	3377	7	Sandy lime, Oil. oil
3377	3393	16	Lime.
3393	3402	9	Sand, shale.
3402	3407	5	Lime.
3407	3411	4	Sand, Oil.
3411	3435	24	Lime.
	3435		Bottom.