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NEW MEXICO OIL CONSERVATION COMMISSION

AREA 640 ACRES
LOCATE WELL CORRECTLY

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.

Culbertson & Irwin, Inc. and Plains Production Co. Box 1071, Midland, Tex.

Humphrey Company or Operator Well No. 2-A in NE NE NW of Sec. 3, T. 258
 Lease 37E N. M. P. M., Langlie Field, Lea County.
 Well is 330 feet south of the North line and 2970 feet west of the East line of Section 3
 If State land the oil and gas lease is No. Assignment No.
 If patented land the owner is J.B. Humphrey Address Jal, New Mexico
 If Government land the permittee is Address
 The Lessee is Culbertson & Irwin, Inc. and Plains Production Company Address Box 1071, Midland, Texas
 Drilling commenced August 31, 1937 Drilling was completed October 22, 1937
 Name of drilling contractor Natl. Drilling & Production Co. Address Box 1071, Midland, Texas
 Elevation above sea level at top of casing 3155 feet.
 The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 3370 to 3373 No. 4, from 3452 to 3474
 No. 2, from 3390 to 3411 No. 5, from to
 No. 3, from 3430 to 3440 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 475 to 490 feet. 100 per hour HFW
 No. 2, from 1142 to 1150 feet. 350 per hour HFW
 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
15 1/2"	70	10	used	102'11"				Surface
8-5/8"	32		used	1347'				Salt string
7"	24		yngs	3217'				Oil string

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
20"	15 1/2"	102'11"	100 sks	Halliburton		
10"	8-5/8"	1347'	150 "	"		
8"	7"	3217'	150 "	"		

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
4 1/2"	4 1/2"	solidified nitro	350	10-23-37	3361-3469	none

Results of shooting or chemical treatment Well cleaned self after shot October 23, 1937.
 Flowed 124 bbls. in 10 hrs. through casing. Found bridge 100' off bottom when tubing was run. Knocked out bridge and made production test 10-27-37

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 3474 feet, and from feet to feet

PRODUCTION

Put to producing October 27, 1937
 The production of the first 24 hours was 552 barrels of fluid of which 100 % was oil; %
 emulsion; % water; and % sediment. Gravity, Be. approximately 40°
 If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas
 Rock pressure, lbs. per sq. in.

EMPLOYEES

J.C. Watson Driller S.S. Harris Driller
 C.F. Bowers 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 28

day of October, 1937

Jay Lee Epley
 Notary Public

My Commission expires June 1, 1939

Midland, Texas 10-28-37

Place Date

Name *M. Culbertson*

Position Pres. Culbertson & Irwin, Inc.

Representing Culbertson & Irwin, Inc. and

Company or Operator Plains Prod. Co.

Address P.O. Box 1071, Midland, Texas

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	40	40	Caliche
40	90	50	Sand & gravel
90	235	145	Red rock
235	250	15	Blue shale
250	300	50	Red rock
300	310	10	Sandy shale
310	435	125	Red rock
435	455	20	Sand
455	460	5	Red rock -
460	515	55	Sand - water 475 - 490
515	525	10	Blue sandy shale
525	535	10	Water sand
535	550	15	Sand & lime shells
550	565	15	Sand
565	575	10	Red & blue mud
575	600	25	Sand
600	610	10	Lime
610	620	10	Sandy shale
620	640	20	Blue mud
640	670	30	Sand
670	710	40	Red rock & red mud
710	715	5	Lime
715	735	20	Red rock
735	740	5	Sand
740	1030	290	Red rock & red shale
1030	1070	40	Anhydrite
1070	1080	10	Brown lime HFW 1142
1080	1142	62	Grey lime Anhydrite
1142	1152	10	Grey lime
1152	1160	8	Anhydrite & red shale
1160	1195	35	Anhydrite
1195	1205	10	Salt & anhydrite
1205	1250	45	Red rock
1250	1260	10	Anhydrite
1260	1280	20	Red rock, Anhydrite, Gyp
1280	1285	5	Salt
1285	1290	5	Red shale
1290	1295	5	Anhydrite
1295	1300	5	Salt
1300	1335	35	Red rock
1335	1345	10	Sandy red shale
1345	1348	3	Potash
1348	1370	22	Anhydrite
1370	1375	5	Salt & anhydrite
1375	1390	15	Anhydrite & sand
1390	1395	5	Red shale
1395	1415	20	Salt & potash
1415	1465	50	Salt
1465	1505	40	Potash & anhydrite
1505	1510	5	Anhydrite
1510	1535	25	Salt & potash
1535	1545	10	Red shale
1545	1575	30	Salt
1575	1590	15	Anhydrite
1590	1605	15	Salt & potash
1605	1650	45	Salt & red mud
1650	1663	13	Salt & anhydrite
1663	1775	112	Potash & salt
1775	1802	27	Anhydrite
1802	2030	228	Salt & potash
2030	2395	365	Salt & anhydrite
2395	2410	15	Red shale
2410	2445	35	Salt & anhydrite
2445	2545	100	Anhydrite
2545	2620	75	Brown lime & anhydrite
2620	2635	15	Anhydrite
2635	2655	20	Blue shale
2655	2675	20	Anhydrite & sandy shale
2675	2730	55	Anhydrite shells & grey shale
2730	2770	40	Anhydrite
2770	2870	100	Lime & anhydrite
2870	2880	10	Brown sand
2880	2890	10	Grey lime & sand
2890	2950	60	Lime & anhydrite
2950	3010	60	Lime
3010	3040	30	Lime & anhydrite
3040	3085	45	Lime
3085	3110	25	Brown lime & anhydrite
3110	3145	35	Brown lime
3145	3155	10	Shale & shells
3155	3175	20	Shale & anhydrite
3175	3198	23	Lime & anhydrite
3198	3205	7	Sand
3205	3245	40	Lime
3245	3270	25	Sand & lime
3270	3380	110	Lime
3380	3390	10	Sandy shale
3390	3403	13	Lime
3403	3405	2	Hard sand
3405	3432	27	Lime
3432	3435	3	Sand
3435	3452	17	Lime
3452	3474	22	Sand & lime TD