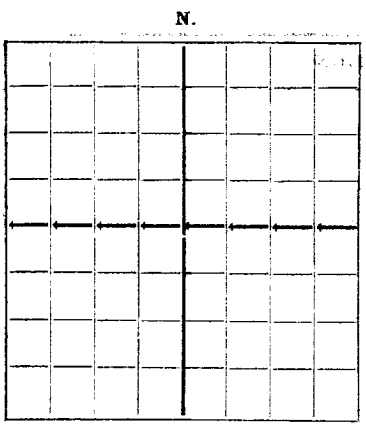
FORM C-105



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

DUPLICATE

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. Midland, Texas
Company or Operator Address

Humphrey Well No. 3-A in SW NE of Sec. 3, T. 25S
Lease

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

Well is 1650' feet south of the North line and 1650 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 Alhambra, California

If Government land the permittee is _____, Address _____

The Lessee is _____, Address _____

Drilling commenced September 4 19 37. Drilling was completed November 7 19 37

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

Elevation above sea level at top of casing 3149 feet.

The information given is to be kept confidential until _____ 19____.

OIL SANDS OR ZONES

No. 1, from 3370 to 3375 No. 4, from _____ to _____

No. 2, from 3395 to 3420 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 425 to 455 feet. HFW 435

No. 2, from 1097 to 1107 feet. 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	PERFORATED TO	PURPOSE
15½"	70#	8	used	160'					
8-5/8"	32#	8	yngs	1300'					
7"	22#	8	"	3220'					

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	15½"	160'	100	Halliburton		
10	8-5/8	1300'	150	"		
8	7"	3220'	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

Results of shooting or chemical treatment not shot or treated

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 3435 feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing November 7, 1937

The production of the first 24 hours was 250 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

Clyde Hicks, Driller Wm. J.G. Fink, Driller

H.T. Helms, Driller _____, 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 11th day of November, 19 37

Louille C Norman
Notary Public

My Commission expires June 1, 1938

Midland, Texas November 11, 1937
Place Date

Name [signature]

Position Pres. Culbertson & Irwin, Inc.

Representing Culbertson & Irwin, Inc. and Plains Production Company
Company or Operator

Address Box 1071, Midland, Texas

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION	
0	35	35	Caliche	
35	49	14	Flint Rock	
49	85	36	Red rock	
85	120	35	Yellow clay	
120	125	5	Red sandy shale	
125	140	15	Shale	
140	190	50	Red rock	
190	205	15	Red & blue shale	
205	350	145	Red rock	
350	425	75	Blue shale	
425	455	30	Sand	(HFW 435)
455	490	35	Sand	
490	500	10	Blue shale	
500	520	20	Sand	
520	550	30	Sandy shale	
550	565	15	Sand	
565	615	50	Sandy blue shale	
615	640	25	Red & green shale	
640	980	340	Red rock	
980	1097	117	Anhydrite	
1097	1107	10	Water sand	
1107	1115	8	Red rock	
1115	1125	10	Anhydrite	
1125	1130	5	Red rock	
1130	1135	5	Anhydrite	
1135	1275	140	Red rock	
1275	1300	25	Salt	
1300	1317	17	Anhydrite	
1317	1320	3	Salt	
1320	1335	15	Anhydrite	
1335	1385	50	Salt	
1385	1400	15	Anhydrite	
1400	1410	10	Salt	
1410	1435	25	Polyhalite	
1435	1445	10	Anhydrite	
1445	1480	35	Salt & potash	
1480	1525	45	Salt & anhydrite	
1525	1720	195	Salt	
1720	1770	50	Anhydrite	
1770	1975	205	Salt	
1975	2010	35	Anhydrite	
2010	2040	30	Salt	
2040	2060	20	Anhydrite	
2060	2075	15	Salt	
2075	2080	5	Anhydrite	
2080	2160	80	Salt & anhydrite	
2160	2175	15	Salt	
2175	2210	35	Anhydrite	
2210	2360	150	Salt	
2360	2400	40	Anhydrite	
2400	2420	20	Anhydrite & lime	
2420	2450	30	Lime	
2450	2475	25	Anhydrite & lime	
2475	2530	55	Lime	
2530	2600	70	Anhydrite & shale	
2600	2630	30	Anhydrite	
2630	2645	15	Lime	
2645	2655	10	Anhydrite & shale	
2655	2745	90	Anhydrite	
2745	2770	25	Anhydrite & lime	
2770	2800	30	Anhydrite & shale	
2800	2815	15	Lime	
2815	2845	30	Anhydrite & lime	
2845	2870	25	Anhydrite & lime	
2870	3090	220	Brown lime	
3090	3115	25	Anhydrite & lime	
3115	3155	40	Lime	
3155	3185	30	Lime & anhydrite	
3185	3220	35	Lime	
3220	3400	180	Lime	
3400	3420	20	Sand	
3420	3433	13	Lime	TD