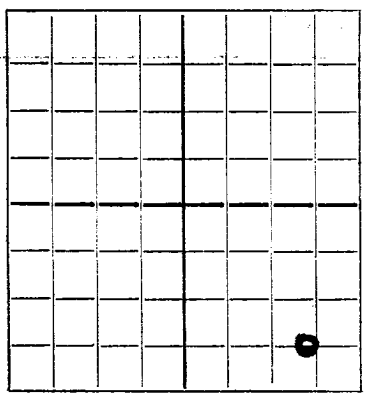
FORM C-105



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

DUPLICATE

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.

Plains Production Company, Company or Operator — Lillie M. Knight, Lease

Well No. 3 in SE of SE of Sec. 21, T. 24 South R. 37 East., N. M. P. M., Jal Sand belt Field, Lea County.

Well is 4620 feet south of the North line and 660 feet west of the East line of Sec. 21

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

If patented land the owner is Lillie M. Knight, Address Jal, N.M.

If Government land the permittee is _____, Address _____

The Lessee is Plains Production Co, Assignee, H.O.& R. Co. Address Houston, Tex.

Drilling commenced Oct. 30, 1936. 19___. Drilling was completed Dec. 30, 1936. 19___

Name of drilling contractor Plains Production Company, Address Jal

Elevation above sea level at top of casing 3216 feet.

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

OIL SANDS OR ZONES

No. 1, from 3425 to 3432 No. 4, from _____ to _____

No. 2, from _____ to _____ 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 90 to 95 feet. rose to 60 feet.

No. 2, from 520 to 525 feet. 100 "

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	Nat.	150	Coupling				
8-5/8	32	8	Youngstown	1400	Texas pattern.				
7"	24	10	Youngstown	3216	Halliburton.				

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	15½	150	50	Halliburton		
10	8-5/8	1400	150	do		
8-5/8	7	3216	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

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 toops were used from 0 feet to 3432 feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing Jan. 16, 1937, 19___

The production of the first 24 hours was 160 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. 700

EMPLOYEES

M Elskeley, Driller W.J.G.Fink., Driller

O.B.B ryan., 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 7th day of January, 1937.

Jal, N.M. (Place) Jan. 7, 1937. (Date)

Name _____

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	10	10	Cellar
10	40	30	Caliche.
40	90	50	Light sand.
90	95	5	Water sand.
95	120	25	Quick sand
120	370	250	Red and gray shale
370	375	5	Blue shale
375	520	145	Red and gray shale
520	525	5	Water sand
525	545	20	Hard sand
545	605	60	Red shale
605	655	50	Anhydrite
655	665	10	Red shale
665	675	10	Anhydrite
675	695	20	Red bed
695	705	10	Anhydrite
705	720	15	Red rock
720	735	15	Blue shale
735	1082	347	Red rock, shale.
1082	1115	33	Anhydrite.
1115	1120	5	Red rock.
1120	1200	80	Anhydrite.
1200	1205	5	Water sand.
1205	1210	5	Red rock.
1210	1225	15	Anhydrite.
1225	1230	5	Red shale.
1230	1255	25	Anhydrite.
1255	1260	5	Red rock
1260	1385	125	Anhydrite, shells, red rock breaks.
1385	1400	15	Anhydrite.
1400	1425	25	Hard sand.
1425	1450	25	Salt, Any. shells.
1450	1475	25	Salt, Polyhalite.
1475	1505	30	Salt & Anhy.
1505	1530	25	Anhydrite.
1530	1620	90	Salt & Potash.
1620	1645	25	Any. salt, potash.
1645	1650	5	Red bed.
1650	1800	50	Salt & Potash.
1800	1850	50	Anhy. salt.
1850	1860	50	Anhy. Poly.
1860	1945	85	Salt & Potash.
1945	1950	5	Blue shale.
1950	1990	40	Salt, red shale.
1990	2020	30	Salt.
2020	2060	40	Any, Poly. Salt.
2060	2105	45	Anhydrite.
2105	2285	180	Salt & Anhy. shells.
2285	2290	5	Salt & Potash.
2290	2355	65	Anhy. lime
2355	2395	40	Anhy. salt.
2395	2425	30	Salt.
2425	2440	15	Red and blue shale.
2440	2490	50	Salt.
2490	2515	25	Salt & Anhy.
2515	2520	5	Brown dolomite
2520	2535	15	Anhydrite.
2535	2625	90	Lime
2625	2650	25	Brown Lime
2650	2860	210	Gray lime & Anhy. shells.
2860	2950	90	Brown Lime.
2950	2990	40	Gray Lime, shale breaks.
2990	3005	15	Pink lime
3005	3040	35	Brown Lime
3040	3075	15	Gray lime.
3075	3145	70	Brown lime.
3145	3180	35	Gray lime.
3180	3215	35	Brown Lime.
3215	3235	20	Broken gray lime.
3235	3245	10	Brown lime.
3245	3295	50	Gray lime.
3295	3420	25	Brown lime.
3420	3425	5	Lime
3425	3452	7	Greenish oil sand.
	3452 total depth.		