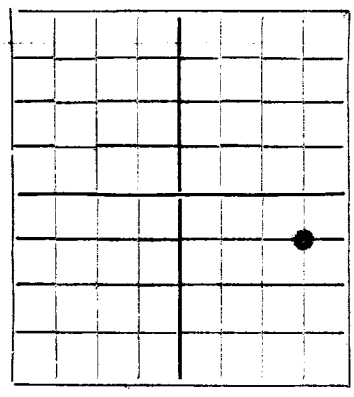
FORM C-105

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.

Plains Production Company, 1108 Tower Pet. Bldg., Dallas,
Company or Operator — Address

Knight Well No. 1 in NE of SE of Sec. 21, T. 24 S
Lease

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

Well is 2500 feet south of the North line and 660 feet west of the East line of Sec. 21 -24-37

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

If patented land the owner is Jas. A. Knight, Address Jal

If Government land the permittee is, Address

The Lessee is Plains Production Co. Assignee Humble O&Ro Co, Address Dallas & Houston Resp.

Drilling commenced Spudded June 26 1936. 19. Drilling was completed Sept. 1, 1936. 19

Name of drilling contractor Plains Production Co, Address

Elevation above sea level at top of casing 3221 feet.

The information given is to be kept confidential until 19.

OIL SANDS OR ZONES

No. 1, from 3385 to 3395 lime — No. 4, from to
No. 2, from 3427 to 3430 — No. 5, from to
No. 3, from 3465 to 3470 — 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 95 to 120 Lots of it feet. rose to 80 feet
No. 2, from 515 to 535 feet. About 100 ft.
No. 3, from 1180 to 1190 Salt water feet. About 800 ft.
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		137					Wate
12½	50	8		677					Wate
10	40	8		810	(Pulled out when set 8¼)				Cave
8¼	32	8		1570	Cemented top with salt.				
7" O.D.	24	10		3367	Cemented (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
10	8¼	1570	150	Halliburton		
xhxxxx						
8¼	7" OD	3367	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

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 3470 feet, and from feet to feet

PRODUCTION

Put to producing Sept. 16th, 19

The production of the first 24 hours was 400 barrels of fluid of which 100 % was oil; % emulsion; % water; and % sediment. Gravity, Be 39

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

Rock pressure, lbs. per sq. in. no test.

EMPLOYEES

R.T.Helm, Driller Big Spring, Texas.
T.W.Calhoun Jal, N.M. , Driller
W.B.Jones, Driller Pecos, Tex. , 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 14 day of Sept., 1936

Peter Bish
Notary Public.

My Commission expires May 16, 1937

Jal, N.M. (Place) Sept. 13, 1936. (Date)

Name H.P. Harman

Position Partner

Representing Plains Production Co.
Company or Operator

Address Pecos, Tex.

DUPLICATE

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	10	Cellar 10	Cellar
10	45	35	Caliche
45	120	75	Sand.
120	260	140	Red rock, shale
260	300	40	Blue shale
300	310	10	Red rock.
310	330	20	Blue shale
330	440	110	Red rock
440	475	35	Blue shale
475	490	15	Red rock
490	515	25	Blue shale, sandy
515	535	20	Water sand.
535	645	110	Blue shale
645	745	100	Gray & Blue sandy shale
745	1068	323	Red rock and shale
1068	1075	7	Anhy.
1075	1100	25	Lime & Anhydrite
1100	1180	80	Anhydrite.
1180	1190	10	Salt water sand.
1190	1210	20	Anhydrite and red rock.
1210	1235	25	Anhydrite.
1235	1265	30	Red shale, salt
1265	1285	20	Red rock, Anhydrite.
1285	1300	15	Anhydrite and salt.
1300	1320	20	Salt & Red rock.
1320	1340	20	Anhydrite and Salt.
1340	1390	50	White salt.
1390	1490	100	Salt & Anhydrite.
1490	1500	10	Salt & Red rock.
1500	1510	10	Anhydrite.
1510	1590	80	Anhydrite and salt.
1590	1665	75	Salt.
1665	1675	10	Red shale
1675	1795	120	Salt.
1795	1820	25	Anhydrite
1820	1840	20	Salt & Potash.
1840	2060	220	Salt
2060	2095	35	Anhydrite.
2095	2130	35	Salt.
2130	2205	75	Anhydrite.
2205	2220	15	Salt & Anhydrite.
2220	2290	70	Salt.
2290	2340	50	Anhydrite.
2340	2460	120	Salt.
2460	2470	10	Anhydrite.
2470	2505	35	Salt.
2505	2525	20	Lime & Anhydrite
2525	2550	25	Lime.
2550	2580	30	Anhydrite.
2580	2675	125	Lime.
2675	2700	25	Lime and shale.
2700	2710	10	Shale.
2710	2740	30	Lime, Anhydrite, shale.
2740	2775	35	Anhydrite and Red rock.
2775	2795	20	Lime
2795	2810	15	Lime,Anhydrite.
2810	2835	25	Lime
2835	2865	30	Anhydrite.
2865	2905	40	Lime
2905	2935	30	Lime and Anhydrite.
2935	3205	270	Lime, gray & Brown.
3205	3260	55	Lim e and Anhydrite.
3260	3385	125	Gray lime.
3385	3395	10	Lime, Brown, (oil show)
3395	3400	5	Lime, brown, hard.
3400	3410	15	(Lime, streaks of dark sand. Oil show
3410	3455	45	gray @3427 to 3430. Lime was gray 3395-3455. The dark brown sand, saturated was streaked through it.
3455	3465	8	Gray lime shell, very hard.
3465	3470	7	Oil. Could not catch sample.
	3470		Total depth.