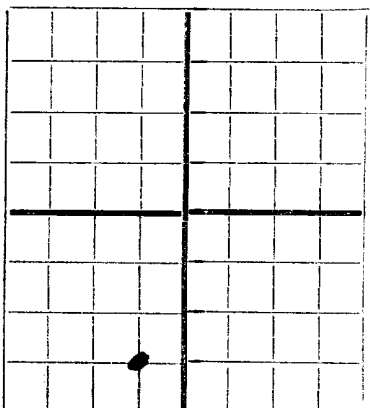


Plains Production Company
 Plains-Knight #2
 SE $\frac{1}{4}$ of SW $\frac{1}{4}$ of Sec. 23, T-24S, R-37E
 Mattix Field
 Lea County, New Mexico
 Spudded: 6-21-47
 Completed: 8-12-47

0	10	Cellar	2410	2430	Lime
10	20	Caliche	2430	2505	Anhydrite & Shale
20	100	Sand	2505	2545	Anhydrite
100	185	Red Rock	2545	2575	Anhydrite & Red Shale
185	220	Sandy Shale	2575	2605	Anhydrite & Shale
220	230	Gray Gritty Shale	2605	2635	Broken Anhydrite
230	280	Red Rock	2635	2720	Anhydrite & Shale
280	290	Gray Sand	2720	2860	Lime & Anhydrite
290	300	Sand	2860	2875	Anhydrite & Shale
300	360	Red Rock	2875	2895	Anhydrite & Lime
360	390	Gray Sandy Shale	2895	2905	Brown Lime
390	475	Sand	2905	2930	Lime & Anhydrite
475	515	Sand & Shale	2930	2950	Lime
515	580	Sand	2950	3005	Lime & Anhydrite
580	610	Blue Shale	3005	3060	Anhydrite & Shale
610	620	Red Rock	3060	3105	Lime & Anhydrite
620	630	Sand	3105	3150	Lime
630	930	Red Rock	3150	3175	Lime & Anhydrite
930	955	Anhydrite	3175	3205	Lime & Broken Anhydrite
955	965	Red Rock	3205	3290	Lime
965	1050	Anhydrite	3290	3298	Lime - Gas
1050	1085	Sand Shells	3298	3322	Sandy Lime
1085	1100	Sand & Shale	3322	3330	Grey Lime
1100	1110	Red Rock	3330	3342	Sandy Lime
1110	1120	Anhydrite	3342	3368	Lime
1120	1140	Anhydrite & Red Shale	3368	3383	Lime - Increase in Gas 3375
1140	1170	Red Rock & Shells	3383	3394	Gray Lime - Showing of oil at 3383
1170	1195	Salt, Anhydrite & Red Shale			
1195	1205	Salt	3394	3405	?
1205	1230	Salt & Red Rock	3405	3440	Lime
1230	1255	Anhydrite & Salt	3440	3450	Sandy Lime
1255	1315	Salt & Potash	3450	3500	Lime
1315	1340	Salt & Red Rock			
1340	1365	Anhydrite			
1365	1440	Salt			
1440	1460	Anhydrite			
1460	1480	Salt			
1480	1530	Salt & Red Rock			
1530	1630	Salt			
1630	1650	Salt & Anhydrite			
1650	1670	Salt & Shale			
1670	1690	Anhydrite			
1690	1860	Salt			
1860	1915	Salt & Anhydrite			
1915	1940	Anhydrite			
1940	1970	Salt			
1970	2020	Anhydrite & Salt			
2020	2050	Salt & Potash			
2050	2100	Anhydrite			
2100	2265	Salt			
2265	2275	Salt & Anhydrite			
2275	2390	Anhydrite			
2390	2410	Anhydrite & Lime			



AREA 640 ACRES
 LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION
 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 TRIPPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Plains Production Company 1110 Tower Petroleum Bldg., Dallas 1, Texas
 Company or Operator Address
 Plains-Knight Well No. 2 SE 1/4 SW 1/4 of Sec. 23, T. 24S
 Lease
 R. 37E, N. M. P. M. Mattix Lea County.
 Well is 660 North South 1980 East West feet South of the North line and feet West of the East line of Section 23
 If State land the oil and gas lease is No. Assignment No.
 If patented land the owner is Ellis & Bertha M. Knight Address Jal, New Mexico
 If Government land the permittee is Address
 The Lessee is Gulf Production Company Address Roswell, N.M. (Plains Prod. Co. Assignee)
 Drilling commenced June 21 1947 Drilling was completed August 12 1947
 Name of drilling contractor Company Tools Address
 Elevation above sea level at top of casing feet.
 The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 3383 to 3394 Oil No. 4, from to
 No. 2, from 3275 to 3330 Gas 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 to feet.
 No. 2, from to feet.
 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		PURPOSE
							FROM	TO	
12 1/2"				80					Surface
8 5/8"	32#	8	J&L	1200	Reg.				Salt
7"	24#	8	J&L	3240	Reg.				Oil

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
	8 5/8"	1200'	100	Hal.		
	7"	3240'	150	Hal.		

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
			340		3360 - 3450	Bottom

Results of shooting or chemical treatment Increase from 10 barrels to 50 barrels

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 3500 feet, and from feet to feet

PRODUCTION

Put to producing September 15 1947
 The production of the first 24 hours was 50 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

O. E. Wood Driller Ira Jiant Driller
 G. C. Parish 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 27th day of August 1947
 Dorothea Russell Notary Public
 My Commission expires 6-1-49
 Dallas, Texas August 27, 1947
 Name W. L. Cooper
 Position Agent
 Representing Plains Production Company
 Address 1110 Tower Petroleum Bldg. Dallas 1, Texas

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION