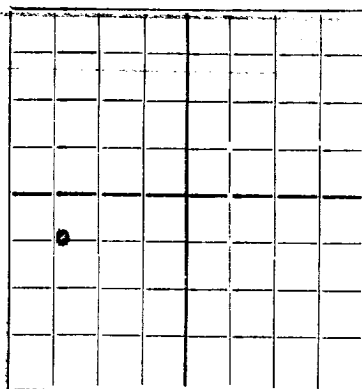


N.

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

AREA 640 ACRES
LOCATE WELL CORRECTLY

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

Knight

Company or Operator

Lease

Well No. 2 in NW of SW of Sec. 22 T. 24 S

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

Well is 3300 feet south of the North line and 4820 feet west of the East line of said sec. 22

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 Dallas

The Lessee is Plains Production Co. Assignee, Humble Oil & Ref. Co. Address Houston

Drilling commenced Oct. 8, 1936 19 Drilling was completed Nov. 20, 1936 19

Name of drilling contractor Company tools Address Dallas, Texas.

Elevation above sea level at top of casing 3234 feet.

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 3398 to 3403 No. 4, from to
No. 2, from 3403 to 3405 No. 5, from to
No. 3, from 3440 to 3450 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 100 to 125 feet. To about 90 feet
No. 2, from 500 to 575 feet. 150
No. 2, 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	8	J & L	148	Coupling		50 sacks	
10	40	8	J & L	780	Texas Pattern (Steel)		Casing pulled.	
8-5/8	32	8	J & L	1365	Texas pattern		150 sacks	
7"	24	10	J & L	3265	Haliburton		150 sacks	

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	15 1/2	148	50	Haliburton		
10	8-5/8	1365	150	do		
8 1/2	7"	3265	150	do		

PLUGS AND ADAPTERS

Heaving plug—Material 0 Length Depth Set
Adapters—Material 0 Size

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		0				
		0				

Results of shooting or chemical treatment 0

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 top feet to bottom feet, and from feet to feet

PRODUCTION

Put to producing Dec. 1, 1936. 12 117 19
The production of the first 24 hours was barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and -0 % sediment. Gravity, Be. 37
If gas well, cu. ft. per 24 hours enough to flow well Gallons gasoline per 1,000 cu. ft. of gas 0
Rock pressure, lbs. per sq. in. 1100

EMPLOYEES

R. F. Helms Driller W. B. Jones. Driller
Gene Horner 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 4

Jal, L. M. Dec. 4, 1936.

Place Date

day of December, 1936

Name J. P. Harmon

Position Partner,

Representing Plains Production Company

Company or Operator

Address Jal, L.M. or Pecos, Texas.

Peter Bink Notary Public.

My Commission expires May 16 1937

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	10	10	Cellar
10	75	65	Caliche
75	100	25	Red Bed
100	125	25	Water Sand
125	240	115	Red Rock, red shale
240	310	70	Blue shale.
310	350	40	Red shale
350	370	20	Blue shale.
370	455	85	Red rock & Shale
455	500	45	Blue shale
500	575	75	Water sand
575	725	150	Blue and red shale.
725	730	5	Sand.
730	1045	315	Red rock, red shale.
1045	1155	110	Anhydrite
1155	1165	10	Water sand.
1165	1175	10	Red rock, Gyp.
1175	1315	140	Anhy. & Red shale.
1315	1330	15	Salt.
1330	1345	15	Salt. Red rock.
1345	1385	40	Anhydrite.
1385	1455	70	Salt.
1455	1480	25	Salt. Polynalite.
1480	1510	30	Salt.
1510	1600	90	Salt. Polynalite.
1600	1625	25	Salt, Anhydrite.
1625	1640	15	Red shale.
1640	1655	15	Salt, Poly.
1655	2455	800	Salt, Anhy. alternate? 2455 salt base.
2455	2510	55	Anhydrite.
2510	2535	25	Lime.
2535	2565	30	Anhydrite.
2565	2580	15	Lime
2580	2625	45	Brown lime
2625	2635	10	Lime & Anhy.
2635	2670	35	Anhydrite.
2670	2710	40	Anhy. shale.
2710	2770	60	Anhydrite.
2770	2840	110	Anhydrite and Lime.
2840	2935	55	Anhydrite.
2935	2985	50	Lime
2985	3030	45	Brown lime
3030	3140	110	Lime
3140	3160	20	Lime, sandy.
3160	3175	15	Lime
3175	3195	20	Lime, gray.
3195	3255	60	Lime & Anhy.
3255	3265	5	Lime, dark gray.
3265	3360	95	Lime
3360	3370	10	Lime, Bentonite.
3370	3380	10	Lime, gas.
3380	3390	10	Lime
3390	3410	20	Lime, Sandy. Oil shows 3390-3403- 3405-
3410	3430	20	Sandy lime.
3430	3455	25	Sand, Oil & Gas pay.
3455	3485	30	Lime
	3485,		total depth.