

Santa Fe, New Mexico

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in **QUINTUPLICATE**.

AREA 640 ACRES
LOCATE WELL CORRECTLY-

Plains Knight

(Company or Operator)

(Lease)

Well No. **2**, in **SE** $\frac{1}{4}$ of **SW** $\frac{1}{4}$, of Sec. **23**, T. **24-S**, R. **37-E**, NMPM.

Undesignated

104

..... Pool, County.

Well is 660 feet from South line and 1830 feet from West line

of Section 23 If State Land the Oil and Gas Lease No. is _____

Drilling Commenced.....**Sept. 25**....., 19**53** Drilling was Completed.....**Jan. 4**....., 19**54**

Name of Drilling Contractor..... **Loffland Brothers Co.**

Address 1005 Electric Building, Fort Worth, Texas

Elevation above sea level at Top of Tubing Head 3207' The information given is to be kept confidential until _____ 19____.

OIL SANDS OR ZONES

No. 1, from ~~XXXX~~ 5590' to 5290' 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.....to.....feet.

No. 2, from _____ to _____ feet.

No. 3, from to feet.

No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13-3/8"	48#	New	324'	HOWCO			
9-5/8"	40 & 36#	New	3987'	HOWCO			
7"	26 & 23#	New	8349'	HOWCO			

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
18-1/4"	13-3/8"	338'	400	HOWCO		
12-1/4"	9-5/8"	3999'	1125	HOWCO		
8-3/4"	7"	8360'	825	HOWCO		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

On Jan. 18, 1954 acidized in 2 stages from 7765-7740' & 7725-7700' w/6000 gals by Western

On Jan. 23, 1954 acidized from 6250-6180' w/3000 gals by Western

On Jan 28, 1954 acidized from 6145-6075' w/3000 gals by Western

On Feb. 4, 1954 acidized in 3 stages from 5510-5410', 5590-5540' & 5380-5290' w/8000 gals by Western.

Result of Production Stimulation..... **Flowed 42 bbls oil and 9 bbls BS&W in 24 hours.**

...Depth Cleaned Out.....✓

W O R D O F D R I L L - S T E M A N D S P E C I A L T E S T S

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 0 feet to 10,650' feet, and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing March 1, 19 54.

OIL WELL: The production during the first 24 hours was 42.51 barrels of liquid of which 82 % was
was oil; 18 % was emulsion; - % water; and - % was sediment. A.P.I.
Gravity 42.1

GAS WELL: The production during the first 24 hours was _____ M.C.F. plus _____ barrels of
liquid Hydrocarbon. Shut in Pressure _____ lbs.

Length of Time Shut in _____

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico

T. Anhy. 945'
T. Salt. _____
B. Salt. 2310'
T. Yates. 2500'
T. 7 Rivers. 2780'
T. Queen. _____
T. Grayburg. _____
T. San Andres. 3720'
T. Glorieta. 4825'
T. Drinkard. _____
T. Tubbs. 5830'
T. Abo. _____
T. Penn. _____
T. Miss. _____

T. Devonian. 7170'
T. Silurian. 7690'
T. Montoya. _____
T. Simpson. 8755'
T. McKee. 9520'
T. Ellenburger. 10530'
T. Gr. Wash. _____
T. Granite. _____
T. _____
T. _____
T. _____
T. _____
T. _____

Northwestern New Mexico

T. Ojo Alamo. _____
T. Kirtland-Fruitland. _____
T. Farmington. _____
T. Pictured Cliffs. _____
T. Menefee. _____
T. Point Lookout. _____
T. Mancos. _____
T. Dakota. _____
T. Morrison. _____
T. Penn. _____
T. _____
T. _____
T. _____
T. _____

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	11.30		Distance from Kelly drive to top of ground		118		Sand & Shale
	193.70		Red Bed		22		Shale
	655		Red Beds & Red Rock		107		Shale & Lime
	404		Red Beds & Shells		16		Shale & Sand
	941		Salt & Anhydrite		7		Lime & Chert
	111		Anhydrite		17		Lime & Sand
	954		Anhydrite & Gyp		8		Sand, Lime & Chert
	125		Anhydrite and Lime		44		Sand & Shale
	1160		Lime		17		Lime & Chert
	61		Lime & Shale		24		Shale & Sand
	107		Lime		9		Lime & Shale
	75		Lime & Chert		24		Sand & Shale
	4		Lime		48		Lime & Shale
	42		Lime & Chert		216		Sand & Shale
	192		Lime		51		Lime, Shale & Sand
	11		Lime & Chert		125		Lime & Shale
	23		Lime		15		Lime & Sand
	501		Lime & Chert		19		Shale
	175		Lime		49		Lime & Shale
	404		Lime & Shale		14		Shale
	28		Shale		95		Lime & Shale
	331		Lime & Shale		61		Lime
	24		Lime				
	9		Lime & Sand				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

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.

March 11, 1954 (Date)

Company or Operator Gulf Oil Corporation Address Box 2167, Hobbs, N.M.
Name E. F. Jay Position or Title Area Prod. Supt.