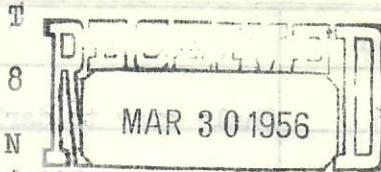


54 W

	22		

Locate Well Correctly



File in triplicate on State and Patented lands and in quadruplicate on State and School lands, with

OFFICE OF DIRECTOR

OIL AND GAS CONSERVATION COMMISSION, STATE OF COLORADO



LOG OF OIL AND GAS WELL

CONSERVATION COMMISSION

Field Logan Company PLAINS EXPLORATION COMPANY  
 County Logan Address 1218 University Building  
 Lease Albert C. Dalke Lease Denver 2, Colorado  
 Well No. # 1 Sec. 22 Twp. 8 N Rge. 54 W Meridian 6th State or Pat. Pat  
 Location 2310 Ft. (N) of So. Sec. Line and 2310 Ft. (E) of W. Sec. line of Ground 1332  
 (Derrick floor relative to sea level) KB Elevation 1310

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed Russell H. Volk  
 Title President

Date March 26, 1956

The summary on this page is for the condition of the well as above date.

Commenced drilling December 2, 1954, 19 Finished drilling December 11, 1954, 19

OIL AND GAS SANDS OR ZONES

No. 1, from "D" Sand to 5106' - 5135' No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from "J" Sand to 5199' - 5301' T D No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

IMPORTANT WATER SANDS

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

CASING RECORD

SIZE	WT. PER FOOT	MAKE	WHERE LANDED	NO. OF SKS. CEMENT	STOOD HOURS	PRESSURE TEST PSI
Surface Casing						
8 5/8"	24 #	J & L	259	115	(24) 24	- - - - -

COMPLETION DATA

Total Depth \_\_\_\_\_ ft. Cable Tools from \_\_\_\_\_ to \_\_\_\_\_ Rotary Tools from \_\_\_\_\_ to \_\_\_\_\_  
 Casing Perforations (prod. depth) from \_\_\_\_\_ to \_\_\_\_\_ ft. No. of holes \_\_\_\_\_  
 Acidized with \_\_\_\_\_ gallons. Other physical or chemical treatment of well to induce flow \_\_\_\_\_  
 Shooting Record \_\_\_\_\_

Prod. began \_\_\_\_\_ 19\_\_\_\_ Making \_\_\_\_\_ bbls./day of \_\_\_\_\_ A. P. I. Gravity Fluid on \_\_\_\_\_ Pump   
 Tub. Pres. \_\_\_\_\_ lbs./sq. in. Csg. Pres. \_\_\_\_\_ lbs./sq. in. Gas Vol. \_\_\_\_\_ Mcf. Gas Oil Ratio \_\_\_\_\_ Choke.   
 Length Stroke \_\_\_\_\_ in. Strokes per Min. \_\_\_\_\_ Diam. Pump \_\_\_\_\_ in.  
 B. S. & W. \_\_\_\_\_ % Gas Gravity \_\_\_\_\_ BTU's/Mcf. \_\_\_\_\_ Gals. Gasoline/Mcf. \_\_\_\_\_

WELL DATA

Indicate (yes or no) whether or not the following information was obtained.  
 Electrical Log yes Date 12-10-54 19\_\_\_\_ Straight Hole Survey yes Type Eastman  
 micro log yes Date 12-10-54 19\_\_\_\_ Other Types of Hole Survey \_\_\_\_\_ Type \_\_\_\_\_  
 Time Drilling Record yes (Note—Any additional data can be shown on reverse side.)  
 Core Analysis yes Depth 5200' to 5252'  
5253' to 5278'

FORMATION RECORD

Show all formations, especially all sands and character and contents thereof.

FORMATION	TOP	BOTTOM	REMARKS	AJJ	DVR	WBS	HHM	AH	JJD	FILE
Niobrara	4292	4627	Shale dark gray w/: mottled white to brown calcareous; little limestone gray, shaly, dense at 4540-4550'.							

(Continue on reverse side)

FORMATION RECORD

Formation	Top	Bottom	Remarks
Timpas	4627	4666	Shale gray to dark gray, mottled white to brown calcareous; little limestone gray, shaley dense. Limestone white dense at 4620-4700.
Carlile	4666	4855-63	Shale dark gray calcareous w/: little limestone white dense; trace siltstone gray.
Greenhorn Limestone	4855-63	5018	Shale dark gray, partly calcareous w/: trace siltstone gray; little limestone gray to brown, coarsely crystalline.
Mowry	5018	5106	Shale dark gray, partly calcareous; trace limestone buff to brown crystalline; trace bentonite gray.
"D" Sand	5106	5199	The "D" Sand 5106 (-766) was drilled to 5115 and samples circulated and checked for shows. Finding no shows, the section was drilled. The Schlumberger shows some porosity from 5123 to 5128, but no indication of any shows from the Schlumberger or samples. The sand is shaled-out too much to produce.
"J" Sand	5199	5301 T D	THE "J" Sand 5199 (-859) was cored, except for 1 foot, from 5200-5278. The top bench 5199 to 5211 was a very hard tight sand with good fluorescence, but too tight to produce. This is the zone producing in the north offset, but drill stem test #5 proved only a trace of gas could be expected in this zone.
			The section from 5226 to 5232 was tested in Test #1. This zone would produce a little gas and oil with a lot of water, and must be considered as non-commercial.
			The zone from 5254 to 5268 was tested in tests # 2 & # 6. The results of these tests indicated that by selective perforation a 10,000 to 20,000 cubic feet per day gas well could be completed in the top of this zone with a trace of oil. However, the lower part has gas, oil and water which would make a commercial well impossible. It is unfortunate with the good shows encountered in this well that not one was commercial, or selective perforation in the combined would make a commercial well.
			The well was plugged December 11, 1954 by filling it with heavy mud from the total depth to the bottom of the surface pipe (5300 - 259). A 10-sack cement plug was set in the bottom 30 feet of the surface pipe (259-229) and the surface pipe was filled with heavy mud to within 20 feet of the surface. A 7-sack cement plug was set in the top 20 feet of the surface pipe (31-11). All measurements are taken from the Kelly Bushing which was 8 feet above the ground elevation.