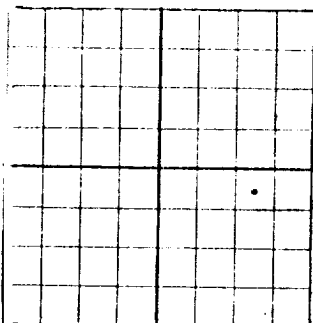


FORM C-106

N

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 TRIPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Phillips Petroleum Company

Bartlesville, Oklahoma

Company or Operator

Address

Leatherwood

Well No. 1

In NE/4 NE/4 SE/4

2

T. 15 N

18 E

N. M. P. M. Wildcat

Field

San Miguel

County

Well is 2301 feet south ~~from~~ line and 1651 feet west ~~from~~ line of Section 2

If State land the oil and gas lease is No.

Assignment No.

If patented land the owner is J. H. Leatherwood

Address

Shoemaker, New Mexico

If Government land the permittee is

Address

The Lessee is Phillips Petroleum Company

Address

Bartlesville, Oklahoma

Drilling commenced September 12, 1946

Drilling was completed

November 14, 1946

Name of drilling contractor P. P. Co. Rotary Rig #25

Address

Bartlesville, Oklahoma

Elevation above sea level at top of casing 6961 feet.

(Ground)

The information given is to be kept confidential until

Not confidential

OIL SANDS OR ZONES

No. 1, from NONE to NONE

No. 4, from NONE to NONE

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 180' to 260' feet.

4 Bbls water per hour.

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	
13-5/8"	48#	8	Pittsburgh	527.95	Howe	-	-	-	-

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
19-1/4	13-5/8	598.25'	600	Halliburton	1.08	Hole full of rotary drlg mud

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
1 7/8-1/4	18-3/8	528.25'	600	Halliburton	1.68	Hole full of rotary drlg mud

PLUGS AND ADAPTERS

Leaving 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
		Well not shot or acidized.				

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.

San Schlumberger Survey to Total depth—2773'. Copy of Survey attached to original.

Rotary tools were used from _____ feet to **2773'** feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing **DEY** 19____
 The production of the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ %
 emulsion; _____ % water; and _____ % sediment. Gravity, Ba. _____
 If gas well, cu. ft. per 24 hours **DEY** Gallons gasoline per 1,000 cu. ft. of gas _____
 Block pressure, lbs. per sq. in. _____

EMPLOYEES

— **D. E. Bland** _____ Driller — **R. W. Heyland** _____ Driller
 — **Ray Jackson** _____ Driller — **D. H. Simmons** _____ 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 **26th** _____
 Day of **November** 19 **46**

J. D. Dugene Notary Public
 My Commission expires **6-1-47**

— **Phillips, Texas** , **November 26, 1946**
 Name **W. H. Hall**
 Position **District Superintendent**
 Representing **Phillips Petroleum Company**
 Address **Box 537, Phillips, Texas**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	110'	110'	Sandstone
110'	140'	30'	Shale & sandstone
140'	180'	40'	Shale & limestone stringers
180'	260'	80'	Sand. Purple & gray-greenish
260'	290'	30'	Sandstone
290'	400'	110'	Variegated shales. Sandstone
400'	450'	50'	Sandstone
450'	485'	35'	Variegated shales.
485'	495'	10'	Dark Limestone
495'	670'	175'	Sandstone with trace feldspar
670'	920'	250'	Pink to red-brown shale. Trace crystalline limestone
920'	1020'	100'	Fine micae. sandstone
1020'	1100'	80'	Red shale. Thin limestones
1100'	1200'	100'	Red-brown shale
1200'	1210'	10'	Sandstone
1210'	1255'	45'	Red-brown shale
1255'	1355'	100'	Sandstone. Minor shale breaks.
1355'	1470'	115'	Shale. Dolomite. Sandstones.
1470'	1610'	140'	Conglomeratic sand & shales
1610'	1645'	35'	Sandstone
1645'	1745'	100'	Dolomitic gray shale & red siltstone
1745'	1775'	30'	Fine wall cem. sandstones
1775'	1785'	10'	Dolomite & shale
1785'	2180'	395'	Silicified sandstone
2180'	2195'	15'	Sandy R. Shale
2195'	2210'	15'	Concretionary limestone
2210'	2225'	15'	Red shale
2225'	2310'	85'	Fine sand. Stringers Dolomite.
2310'	2340'	30'	Red shale
2340'	2490'	150'	Fine red sand & silt
2490'	2520'	30'	Arkosic sandstone
2520'	2560'	40'	Medium coarse granite wash cemented
2560'	2690'	130'	Red-Arkosic sandstone
2690'	2773'	83'	Granite
2773' Total Depth...			