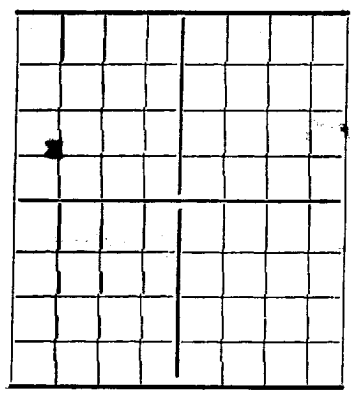
FORM C-105



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

Phillips Petroleum Company (Company or Operator), Bartlesville, Okla (Address)

Philmex (Lease) Well No. 2 in SW/4 NW/4 of Sec. 29, T. 17S

R. 33 E, N. M. P. M., Semi Wildcat Field, Lea County.

Well is 1980' feet south of the North line and 660' feet east of the West line of Section 29

If State land the oil and gas lease is No. B-2829 Assignment No. ---

If patented land the owner is ---, Address ---

If Government land the permittee is ---, Address ---

The Lessee is Phillips Petroleum Company, Address Phillips Bldg Bartlesville, Okla

Drilling commenced June 14 1943. Drilling was completed August 4 1943.

Name of drilling contractor Marshall, Sears & Smith, Address Artesia, New Mexico

Elevation above sea level at top of casing 4069'8" feet. (Ground)

The information given is to be kept confidential until Not confidential 19....

OIL SANDS OR ZONES

No. 1, from 4055' to 4064' No. 4, from ... to ...

No. 2, from 4135' to 4157' No. 5, from ... to ...

No. 3, from 4238' to 4315' 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 4315' to 4320' feet (one bailer 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 FROM	PERFORATED TO	PURPOSE
13"OD	50#	8V	LW	16'5"	None	-	-	-	Conductor
9-5/8"OD	25.7#	Slip Jt	Armco Spiral	1119'5" Weld	Howco	-	-	-	Surface string
7"OD	24#	10 V	Smls	4031'9"	Howco	-	-	-	Oil String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17½"	13"OD	16'5"	25	Dumped		
12"	9-5/8"OD	1122'5"	650	Halliburton		
8¼"	7"OD	4007'	250	Halliburton		
6¼"	Open hole		36	Dumped (plug back from 4320' to 4270'-shut off bottom hole water)		

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
460	tin	SNG	460qt	8/16/43	4064-4240'	4270'

Results of shooting or chemical treatment Increased oil and gas production from 13-1/2 bbls oil flow thru open 2" tbg in 24 hours, flowing by heads, to 38 bbls oil, no water, flow thru 16/64" tbg choke in 24 hours, gas 32,300 MCF, gas oil ratio 850 cu ft per bbl oil

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 0' feet to 4030' feet, and from ... feet to ... feet

Cable tools were used from 4030' feet to 4320' feet, and from ... feet to ... feet

PRODUCTION

Put to producing October 7, 19 43.

The production of the first 24 hours was 38 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, Be 38.0

If gas well, cu. ft. per 24 hours - Gallons gasoline per 1,000 cu. ft. of gas -

Rock pressure, lbs. per sq. in. -

EMPLOYEES

J.M.Mc Kinney, Driller J.R.Lewton, Driller

M.F.Willis, Driller Floyd Davis, 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 8th day of October, 19 43

Eldon M. Bacon Notary Public.

Ector County, Texas
My Commission expires 6-1-44

Odessa, Texas (Place) Oct.8,1943 (Date)

Name K.V.Peterson

Position District Chief Clerk

Representing Phillips Petroleum Company (Company or Operator)

Address P.O.Box 6666, Odessa, Texas

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0'	24'	24'	Caliche, sand and gravel
24'	250'	226'	Sand and gravel
250'	320'	70'	Redbed
320'	476'	156'	Redrock
476'	615'	139'	Shale
615'	750'	135'	Redrock and redbed
750'	810'	60'	Shale and shells
810'	1030'	220'	Redrock and redbed
1030'	1095'	65'	Shale and gyp
1095'	1265'	170'	Anhydrite - Top of anhydrite
1265'	1300'	35'	Anhydrite and gyp
1300'	1310'	10'	Sand
1310'	1370'	60'	Broken anhydrite and salt - 1330' top of salt
1370'	2375'	1005'	Salt
2375'	2384'	9'	Broken anhydrite
2384'	2465'	81'	Anhydrite and shells
2465'	2520'	55'	Broken anhydrite
2520'	2580'	60'	Anhydrite and gyp
2580'	2639'	59'	Shale
2639'	2690'	51'	Anhydrite
2690'	2753'	63'	Anhydrite and gyp
2753'	2857'	104'	Anhydrite and gyp
2857'	2955'	98'	Anhydrite
2955'	3031'	76'	Anhydrite and gyp
3031'	3066'	35'	Anhydrite
3066'	3114'	48'	Anhydrite and gyp
3114'	3180'	66'	Anhydrite
3180'	3200'	20'	Anhydrite and hard lime
3200'	3315'	115'	Anhydrite
3315'	3397'	81'	Anhydrite and lime shells
3397'	3437'	50'	Anhydrite, gyp and shale breaks
3437'	3480'	43'	Anhydrite
3480'	3578'	98'	Anhydrite and gyp
3578'	3690'	112'	Anhydrite and lime
3690'	3722'	32'	Lime
3722'	3771'	49'	Lime and anhydrite
3771'	3786'	15'	Lime
3786'	3806'	24'	Lime and anhydrite
3806'	4030'	224'	Lime
4030'	4320'TD	290'	Lime
Plug Back 4320'	4270'PBTD	50'	Plugged back w/ cement