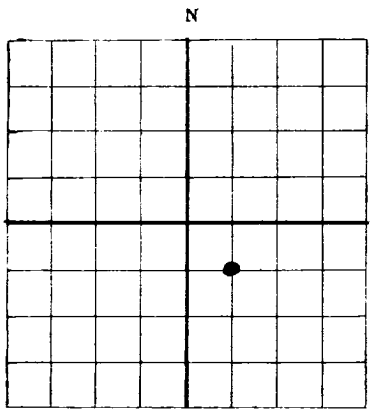
Fr to Bates -

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

Phillips Petroleum Company (Company or Operator) Box 6666, Odessa, Texas (Address)

U. S. Minerals (Lease) Well No. 1 in SE/4 of Sec. 30, T. 17 S

R. 33 E, N. M. P. M., Maljamar Field, Lea County.

Well is 660 feet south of the North line and 1980 feet west of the East line of SE/4 Section 30.

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

If patented land the owner is - Address

If Government land the permittee is U. S. Geological Survey, Address Roswell, New Mexico

The Lessee is Phillips Petroleum Company, Address Bartlesville, Oklahoma

Drilling commenced 8:40 PM Aug. 17 19 43 Drilling was completed 10 PM November 1 19 43

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

Elevation above sea level at top of casing 4047'8" feet. (ground)

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

OIL SANDS OR ZONES

No. 1, from 4000 to 4010 No. 4, from 4170 to 4190

No. 2, from 4105 to 4110 No. 5, from 4210 to 4250

No. 3, from 4130 to 4155 No. 6, from 4250 to 4268

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from None logged - drilled to with rotary. feet.

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
8 5/8"	32#	10V	L.#.	1200'3" (overall)	Howco				Surface String
5½"	14#	8rd	SS	3915.68 (overall)	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
11"	8 5/8"	1215'3"	600	Halliburton		
7 7/8	5½"	3927'	300	Halliburton		

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
	4" & 3"	S. N. G.	430 qts.	11-3-43	4050-4268	4050-4260

Results of shooting or chemical treatment Swabbed and flowed 152 barrels in 24 hours, 11-30-43.

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 3938 feet, and from feet to feet

Cable tools were used from 3938 feet to 4272 feet, and from feet to feet

PRODUCTION

Put to producing December 10 19 43

The production of the first 24 hours was 130 barrels of fluid of which 99 9/10 % was oil; 0 % emulsion; 0 % water; and 2/10 % sediment. Gravity, Be 36.7

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

Rock pressure, lbs. per sq. in. 300

EMPLOYEES

S. M. Watts, Driller Roy Hill, Driller

J. S. Morris, Driller P. S. LeBlanc, 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 15th day of December 19 43

(Elden M. Ball)
Notary Public

My Commission expires June 1, 1945

Odessa, Texas (Place) December 15, 1943 (Date)

Name H R Polson

Position District Chief Clerk

Representing Phillips Petroleum Company (Company or Operator)

Address Box 6666, Odessa, Texas.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	1100	1100	Red Beds
1100	1180	80	Red Beds w/ trace Anhydrite
1180	1300	120	Anhydrite
1300	1360	60	Anhydrite, Salt and Dolomite
1360	2210	850	Salt
2210	2220	10	Salt and Anhydrite
2220	2240	20	Salt
2240	2270	30	Anhydrite and Salt
2270	2360	90	Salt
2360	2430	70	Anhydrite and Salt
2430	2550	120	Anhydrite
2550	2590	40	Anhydrite and Sand
2590	3540	950	Anhydrite and Dolomite
3540	3650	110	Dolomite, Sand and Anhydrite
3650	3660	10	Dolomite with trace Anhydrite
3660	3670	10	Dolomite with trace Red Beds and Sand
3670	3700	30	Dolomite, Anhydrite and Sand
3700	3750	50	Dolomite, Anhydrite, Sand and Red Beds
3750	3800	50	Dolomite, Anhydrite, Sand and Red Beds
3800	3880	80	Dolomite, Anhydrite and Sand
3880	3890	10	Dolomite and Sand
3890	3945	55	Dolomite with trace Sand
3945	4000	55	Dolomite
4000	4010	10	Sand
4010	4040	30	Dolomite with trace Sand
4040	4070	30	Dolomite with streaks Sandy Lime.
4070	4075	5	Sand with trace Dolomite
4075	4105	30	Dolomite
4105	4120	15	Dolomite with streaks Sandy Lime.
4120	4145	25	Dolomite with shale inclusions
4145	4165	20	Dolomite and Sand
4165	4170	5	Dolomite with streaks Sandy lime
4170	4200	30	Dolomite and Sand
4200	4210	10	Dolomite with streaks Sandy Lime
4210	4270	60	Sand
4270	4272	2	Dolomite (4268 top of Hobbs Lime)