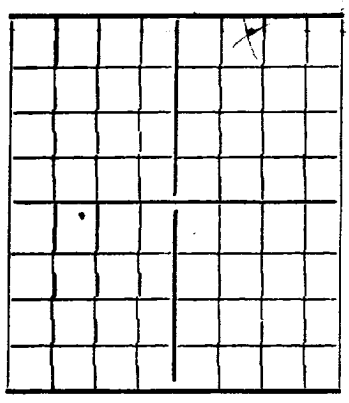
2147

FORM C-105

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.

Bay Petroleum Corporation (Company or Operator) Box 1785, Midland, Texas (Address)

Stroup-Yates-Shuler (Lease) Well No. 1 in NE NW SW of Sec. 8, T. 18-S

R. 29-E, N. M. P. M., Loco Hills Field, Eddy County.

Well is 330 (2310 from S) feet south of the North line and 1650 (990 from W) feet west of the East line of NW/4.

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

If patented land the owner is H. C. Shuler, Address Artesia, N. M.

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

The Lessee is Penn Surgical Mfg. Company, Address Box 1785, Midland, Texas

Drilling commenced 7/25 1943. Drilling was completed 8/24 1943.

Name of drilling contractor Harvey E. Yates, Address Artesia, New Mexico

Elevation above sea level at top of casing 3577 feet.

The information given is to be kept confidential until ..... 19.....

OIL SANDS OR ZONES

No. 1, from 2500 to 2505 Show — No. 4, from ..... to .....

No. 2, from 2540 to 2550 Show gas — No. 5, from ..... to .....

No. 3, from 2664 to 2700 — 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 None to ..... 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	28#	8-V	Lw	344	Texas				
7"	20#	8-R	Smls	2519	Texas				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
10"	8-5/8	344	50	Halliburton	Cable Tools	
8"	7"	2519	50	"	"	

PLUGS AND ADAPTERS

Heaving plug—Material None Length ..... Depth Set .....

Adapters—Material None Size .....

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
7"	42'	Glycerine	210 qts	7-25-43	2700	2700

Results of shooting or chemical treatment Increased from 1 bbls. per hr. to 4 bbls. per hr.

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 ..... feet to ..... feet, and from ..... feet to ..... feet

Cable tools were used from 0 feet to 2700 feet, and from ..... feet to ..... feet

PRODUCTION

Put to producing ....., 19.....

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

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

Rock pressure, lbs. per sq. in. .....

EMPLOYEES

Bill Billman, Driller Clyde Dunigan, Driller

....., Driller ....., 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 13 day of September, 1943

Pamella Edwards PAMELLA EDWARDS
Notary Public.

My Commission expires June 1, 1945

Midland, Texas (Place) September 13, 1943 (Date)

Name [signature]

Position Production Superintendent

Representing The Bay Petroleum Corporation (Company or Operator)

Address Box 1785, Midland, Texas

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	40	40	Red Sand
40	170	130	Red Rock
170	175	5	Sand
175	280	105	Red Rock
280	450	170	No record
450	750	300	Salt
750	915	65	Anhydrite
915	955	40	No record
955	1035	80	Red Rock & Anhydrite
1035	1075	40	Anhydrite
1075	1115	40	Red Rock & Anhydrite
1115	1155	40	Anhydrite & Red Beds
1155	1200	45	Anhydrite
1200	1245	45	Red Rock & Anhydrite
1245	1290	45	Anhydrite
1290	1330	40	Anhydrite & Red Beds
1330	1925	595	Anhydrite
1925	1935	10	Red Sand
1935	1965	30	Red Sand (SIM 1897 - 1914)
1965	2210	245	Anhydrite
2210	2230	20	Sand
2230	2275	45	Anhydrite
2275	2285	10	Brown Lime
2285	2330	45	Lime
2330	2345	15	Gray Lime
2345	2500	155	Lime (SIM 2336 - 2341)
2500	2505	5	Gray Lime (Oil Show)
2505	2520	15	Lime
2520	2527	7	Gray Lime
2527	2562	35	No record
2562	2586	24	Lime (SIM 2581 -OK)
2586	2628	42	Lime (2596 made 1/4 bbl. oil 1 hr.)
2628	2640	12	Sandy Lime
2640	2658	18	Lime
2658	2664	6	Increase oil
2664	2668	14	Sdy lime, oil sand & gas
2668	2700	12	Sandy lime, oil
			T.D. - 2700 Feet