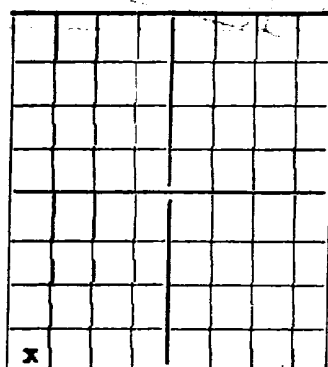


NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

AREA 640 ACRES
LOCATE WELL CORRECTLY

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.

Neville G. Penrose, Inc.

Fair Bldg-Ft. Worth, Texas

Company or Operator

Address

S. Petroleum State

Well No. 1

in SW 1/4

of Sec. 24

T. 17S

Lease

R. 35E

N. M. P. M. Vacuum

Field,

Lea

County.

Well is 4950 feet south of the North line and 4620 feet west of the East line of Sec. 24

If State land the oil and gas lease is No. Assignment No. B-2531

If patented land the owner is Address

If Government land the permittee is Address

The Lessee is Address

Drilling commenced 1943 Drilling was completed May 24 1943

Name of drilling contractor Bill Byron Address Hobbs, N.M.

Elevation above sea level at top of casing 3912 feet.

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

OIL SANDS OR ZONES

No. 1, from 4516 to 4523	No. 4, from 4558 to 4564
No. 2, from 4545 to 4550	No. 5, from 4583 to 4586
No. 3, from 4593 to 4558	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 H.F.W. @ 75' to feet.	fresh water
No. 2, from 1392' to 1401' feet.	" "
No. 3, from 1458' to 1480' feet.	" "
No. 4, from 1525' to 1534' feet.	" "
No. 4, from 4597' to 4599' feet.	salt water

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM TO	PURPOSE
8-5/8			S.S.	1572'				
5 1/2	14#		S.S.	4268'				

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 1/4	8-5/8	1572	150	plug		
6 1/2	5 1/2	5268	100	plug		

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
			1500 gal.	5-13-43	4570	
			4000 "	5-16-43	4589	

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.

TOOLS USED

Rotary tools were used from feet to feet, and from feet to feet

Cable tools were used from 0 feet to 4599 feet, and from feet to feet

PRODUCTION

Put to producing 6-16 1943

The production of the first 24 hours was 24 barrels of fluid of which 100 % 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

Grady Roberts	Driller	C.C. Reed	Driller
Jay Cravens	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.

Place

Date

Subscribed and sworn to before me this 28

day of June, 1943

Name

Position

Notary Public

Representing

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	25		caliche
	160		sand H.F.W. @ 75'
	176		red sh.
	236		red rock
	60		sandy red rock
	360		red sh.
	415		red rock
	539		light shale
	575		red rock
	95		red sh.
	623		purple shale. Mudded 12½" csg. @ 608'
	65		red rock
	83		light shale
	768		red sh.
	822		red rock
	85		red sh.
	920		red rock
	35		red shale soft
	70		red rock
	85		red sh.
	92		red rock
	1043		brown sh.
	63		red rock
	97		brown sh.
	1103		red rock
	22		red sh.
	76		blue sh.
	95		red rock
	1250		red sh.
	53		lime shell
	1300		red sh.
	40		red rock
	70		red sh.
	91		red rock
	1423		water sd.
	37		shale and sd.
	55		red sandy shale
	58		red sh.
	69		water sand
	74		red sh.
	1506		water sd.
	25		red sandy shale
	62		water sand
	72		red sandy shale. 8½" cemented @ 1572-150 sax
	80		red rock. Pulled 12½" & cemented thru 2" pipe @ 210' with 150 sax
	1700		sandy red rock
	12		red rock
	62		anhydrite
	67		sandy blue shale
	76		brown lime
	1805		white lime
	18		anhydrite
	28		red shale
	40		salt and shale
	50		salt
	95		salt and shale
	1905		anhydrite and salt
	25		red rock
	2005		salt
	49		salt and shale
	2100		potash & salt
	40		salt
	50		anhydrite
	65		salt
	2300		salt and shale
	25		salt and potash
	40		anhydrite
	2657		salt and potash
	75		anhydrite
	2705		salt and potash
	85		salt
	2820		salt, anhydrite & potash
	2968		anhydrite
	77		lime
	3022		red shale
	65		anhydrite and shale
	3127		anhydrite
	35		anhydrite and lime
	73		anhydrite
	3220		lime and anhydrite
	55		lime. Slight show gas 3225
	3321		anhydrite
	30		anhydrite and lime
	53		gray lime
	3434		lime and anhydrite
	50		anhydrite
	85		lime and anhydrite
	93		brown lime
	3635		lime and anhydrite
	55		anhydrite and sh.
	80		lime and anhydrite
	3798		anhydrite
	3825		anhydrite and lime
	40		anhydrite
	72		gray lime
	3900		lime
	10		anhydrite and shale
	37		brown lime
	51		anhydrite
	83		lime
	88		sand
	4059		lime and anhydrite
	68		brown lime
	76		lime and anhydrite
	95		red sand and anhydrite
	4115		gray lime
	30		anhydrite
	45		anhydrite and sand. Show gas 4135-40
	68		red lime
	4290		gray lime. Reduced to 6½" hole @ 4225'
	97		sand
	4300		gray lime
	12		brown lime
	11		-----

FROM	TO	FORMATION
4410	14	Sand
	26	sandy lime
	70	gray lime. Rainbow show oil 4451-63
	72	brown lime
	78	gray lime
	86	sandy lime
	90	brown lime. Show oil 4486-94
4504	90	sandy lime. Show free oil 4516-23
51	90	gray lime. Increase oil and gas 4545-50
99	99	white lime. Cemented 5½" @ 4268-100 sax
		4550 = 4547 S.L.M.
		Oil began to raise in hole 4553-58
		Increased oil 4558-64; 4583-86.
		Salt water 4597-99
		Plugged back to 4591
		Completed drilling May 24, 1943

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10. *Journal of the American Medical Association*, 277, 1996, 1000-1001.

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