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NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD OIL CONSERVATION COMMISSION
HOBB'S OFFICE

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.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Sweet Oil Well Equipment, Inc. McKinley B

Well No. 1-A in Unit 6 of Sec. 20, T. 18S
R. 38E, N. M. P. M., Hobbs Field, Lea County.
Well is 2310 feet south of the North line and 1980 feet west of the East line of Sec. 20
If State land the oil and gas lease is No. _____ Assignment No. _____
If patented land the owner is Wm. Jackson, Address Artesia, New Mexico
If Government land the permittee is _____, Address _____
The Lessee is Sweet Oil Well Equipment, Inc., Address Box 1115, Hobbs, New Mexico
Drilling commenced 2-20- 19 52 Drilling was completed 3-16- 19 52
Name of drilling contractor Texco Oil Company, Address Michita Falls, Texas
Elevation above sea level at top of casing _____ feet.
The information given is to be kept confidential until _____ 19 _____

OIL SANDS OR ZONES

No. 1, from 4100 to 4270 No. 4, from _____ to _____
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 _____ 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 TO	PURPOSE
10 3/4"	40.5*	8	Used	278	Texas Pattern			
7"	20*	8	Used	4100'	Larkin Float Collar and Guide Shoe			at 4100'
					Sweet Formation Packer			at 4243'
					"	"	"	at 4261'

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
13"	10 3/4"	278	125			
8 3/4"	7"	4100'	350			

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
		Acid	250 Gal.	3-17-52	4243-4261	4243-4261
		"	500 Gal.	3-18-52	4243-4261	4243-4261
		"	5000 gal.	3-19-52	4243-4261	4243-4261

Results of shooting or chemical treatment After acid, the well is flowing at the rate of 70 barrels oil per day.

RECORD OF DRILL-STEM AND SPECIAL TESTS

See Attached Sheet for Drill Stem 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 4270' feet, and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to producing 3-20- 19 52
The production of the first 24 hours was 100 barrels of fluid of which 70 % was oil; _____ % emulsion; 30 % water; and _____ % sediment. Gravity, Be 37
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

F. E. Lovell, Driller E. H. Combs, Driller
G. H. Stambaugh, 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.

Hobbs, New Mexico 3-22-52
Place Date
Name Fred Warner
Position Drilling Superintendent
Representing Sweet Oil Well Equipment,
Company or Operator
Address Box 1115, Hobbs, N. M.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	56	56	Surface - Caliche
56	227	171	Shells & Sand
227	1128	901	Red Bed
1128	1305	177	Anhydrite
1305	1420	115	Anhydrite & Salt
1429	1564	144	Anhydrite
1564	1692	128	Anhydrite & Gyp
1692	2420	728	Anhydrite & Streaks of Salt
2420	2622	202	Salt & Shells
2622	2663	41	Anhydrite
2663	2722	59	Anhydrite & Gyp
2722	2775	53	Anhydrite
2775	3024	249	Lime & Gyp
3024	3195	171	Lime
3195	3215	20	Anhydrite
3215	3277	62	Lime & Gyp
3277	3306	29	Lime
3306	3393	87	Lime & Anhydrite
3393	3950	557	Lime
3950	4007	57	Sandy Lime
4007	4115	108	Lime
4115	4270	155	Sandy Lime - T. D. 4270

SWEET OIL WELL EQUIPMENT, INC. - MCKINLEY B #1-A

Record of Drill Stem Tests

Drill Stem Test No. 1. - 4110-60 - March 14, 1952

Open 1 hour with strong blow, slightly decreasing to end of 1 hour. Shut in 15 minutes for pressure buildup. Recovered 150 feet of very heavy oil and gas cut drilling mud with some free oil at top. BHFP-0*, BHSIP-0*, Hydrostatic Head-2050*. No water was present in test.

Drill Stem Test No. 2 - 4160-4215 - March 15, 1952

Tool open 1 hour after strong blow immediately and throughout test. Gas to surface in 3 minutes. Burned large flare in pit for duration of test. Shut in 1 hour for pressure buildup. 5 minutes after tool was closed, drill pipe unloaded oil and gas for 15 minutes. Recovered 240 feet clean oil and 120 feet heavily oil cut mud. BHFP-150 up to 600*; BHSIP-1300*; Hydrostatic Head-2050*.

Drill Stem Test No. 3 - 4243-4250 - March 16, 1952

Tool open 1 hour with good blow. Shut in 15 minutes. Recovered 120 feet mud and 80 feet heavily oil cut mud. Bomb flooded in - no pressures available.

Drill Stem Test No. 4 - 4243-4270 - March 17, 1952

Tool open 1-1/2 hours. Gas to surface in 1-1/2 minutes. Strong blow, slightly decreasing toward end. Shut in 15 minutes. Found 2460 feet fluid. Drill pipe unloaded oil and gas 4 times. Recovered 120 feet of mud cut oil and 690 feet of sulphur water. BHFP-0-650*; BHSIP 1125*; Hydrostatic Head-1975*.