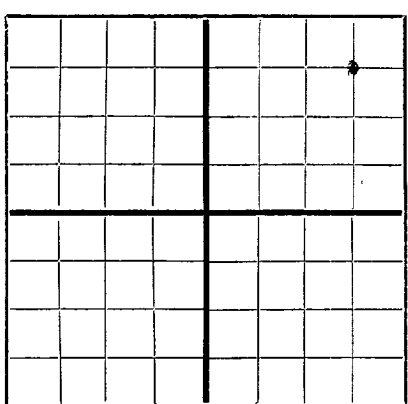


APR 26 1948

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

The Texas Company Box 1720, Fort Worth 1, Texas  
Company or Operator Address  
V. M. Henderson Well No. 2 in NE 1/4 of Sec. 30 T. 21-S  
Lease  
R. 37-E, N. M. P. M. Penrose-Skelly Field, Lea County.  
Well is 660 feet south of the North line and 660 feet west of the East line of Section 30  
If State land the oil and gas lease is No. -- Assignment No. --  
If patented land the owner is V. M. Henderson Address 1407 Boatmen's Blk. Bldg. St. Louis, Mo.  
If Government land the permittee is -- Address --  
The Lessee is The Texas Company Address Houston, Texas  
Drilling commenced October 7, 1947 Drilling was completed March 31, 1948  
Name of drilling contractor Black Drilling Company Address Midland, Texas  
Elevation above sea level ~~3502~~ 3502 feet. (DF)  
The information given is to be kept confidential until -- 19 --

OIL SANDS OR ZONES

No. 1, from 5155 to 5195 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		PURPOSE
							FROM	TO	
13-3/8	48#	8-RT	Smls.	117	Reg. Pat.	--	--	--	--
13-3/8	32.3#	8-RT	SW	121		--	--	--	--
8-5/8	32#	8-RT	Smls.	2802	Hallib.	--	--	--	--
5-1/2	17#	8-RT	Smls.	6642	Larkin		6550	6591	Test For Production
							5155	5195	Production

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/4	13-3/8	251	300	Halliburton	--	--
10-3/4	8-5/8	2792	1000	Halliburton	--	--
7-7/8	5-1/2	6597	450	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
		(See Reverse Side)				

Results of shooting or chemical treatment On 16 hour swabbing test swabbed 214 BF, 80% BS&W, 4-5-48.

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 6674 feet, and from -- feet to -- feet  
Cable tools were used from -- feet to -- feet, and from -- feet to -- feet

PRODUCTION

Put to producing April 5, 1948  
The production of the first 16 hours was 214 barrels of fluid of which 20% was oil; --% emulsion; 80% water; and --% sediment. Gravity, ~~API 39~~ GOR Too Small to Measure.  
If gas well, cu. ft. per 24 hours -- Gallons gasoline per 1,000 cu. ft. of gas --  
Rock pressure, lbs. per sq. in. --

EMPLOYEES

W. B. Howard Driller W. S. Dearing Driller  
O. L. Spraburry 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 20th day of April, 1948

Midland, Texas 4-20-48  
Name *[Signature]*  
Position District Superintendent  
Representing The Texas Company  
Company or Operator

My Commission expires June 1, 1949

Address Box 1270, Midland, Texas

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	275	275	Caliche, Sand & Red Beds
275	536	261	Shale & Shells
536	1176	640	Red Beds & Shells
1176	1324	148	Anhy. Shale & Gyp
1324	1625	301	Red Beds, Shells, Anhy.
1625	1900	275	Anhy. & Gyp
1900	2466	566	Anhy. & Salt
2466	2535	69	Anhy. & lime
2535	2595	60	Lime
2595	2679	84	Lime, Shale & Red Beds
2679	2800	121	Gyp, Shale & Anhy.
2800	2909	109	Anhy, Lime & Gyp
2909	3100	191	Sand & Lime
3100	3291	191	Sandy Lime
3291	3351	60	Lime
3351	3520	169	Sandy Lime
3520	6674	3154	Lime
	6674	Total Depth	
	6386	PBTD*	

All measurements from rotary or 10' above ground.

11-25-47	2000 Gals.	Dowell 15%	6620-6674
12- 7-47	500 Gals.	Western 20%	6597-6625
12- 9-47	2000 Gals.	Western 15%	6597-6625
2-19-48	2000 Gals.	Western 20%	6620-6650
2-26-48	6000 Gals.	Western 15%	6620-6650
3-19-48	500 Gals.	Western	6591-6550
3-23-48	2000 Gals.	Western 15%	6591-6550
3-24-48	8000 Gals.	Western 15%	6591-6550
3-31-48	1000 Gals.	Western 15%	5155-5195

DST #1 5200-5230 - Tool open 2 hours. Recovered 670' of oil of which 40% was sulphur water, 410' sulphur water.

DST #2 6585-6674 - Tool open 2 hours. Recovered 1440' clean oil & 180' oil & gas cut drilling mud.

This well drilled to total depth 6674'. 5½" casing cemented at 6597'. 2" EUE tubing was run to 6672'. Acidized 11-25-47, 6620-6674 with 2000 gallons Dowell 15% regular acid. After running tubing with Sweet packer set at 6611' with 59' tubing below packer, well swabbed 93 barrels fluid in 15 hours, approximately all salt water.

Set Baker retrievable at 6456' and squeezed formation 6597' to 6674' with 60 sacks cement. Cement was drilled out to 6625'. Acidized 12-7-47, with 500 gallons Western 20% acid 6597-6625. No production test. Re-acidized 12-9-47, with 2000 gallons Western 15%. Well swabbed 49 barrels fluid in 24 hours. Swabbed dry. Cement was drilled out to 6635'. 2" tubing was run and well swabbed 15 barrels fluid in 18 hours 40-60% BS&W, mostly water. Cement was drilled out to 6650'. Acidized 2-19-48 with 2000 gallons Western 15% acid 6620-6650. Swabbed well 24 hours, 138 barrels fluid, last four hours 1½ barrels per hour. Shake out on last 4 hours 65% water. Re-acidized 2-26-48 with 6000 gallons Western 15%, 6620-6650. Swabbed 91 barrels fluid 14 hours, 99% salt water. Cement retainer was run and set at 6578. Squeezed open hole 6597' to 6650' with 100 sacks. Drilled out cement to 6591'. Perforated 5½" casing 6550-6591 with 205 shots. 2" EUE tubing was run with hook wall packer at 6526'. Acidized 3-19-48 with 500 gallons Western (perforations) 6550-6591. Well swabbed 45 barrels fluid in 16 hours. Last 2 hours swabbed at rate of 2 barrels per hour, 3% BS&W. Pulled and reran tubing with packer and 3' tubing perforation at 6588. Acidized 3-23-48, with 2000 gallons Western 15%, same perforation zone. Set packer at 6526'. Swabbed 63 barrels fluid in 13 hours. Last 6 hours 1.36 barrels 20% BS&W. Re-acidized 3-24-48 with 8000 gallons Western 15% acid. Swabbed 4 barrels fluid in 14 hours. Last 4 hours 2.76 barrels 85-90% acid residue. Well plugged back 6591-6386 with 25 sacks cement. 5½" casing perforated 5155-5195 with 240 - ½" holes. Acidized 3-31-48 with 1000 gallons through perforations. Swabbed well 16 hours 214 barrels fluid, 80% water and BS. Last 8 hours of 16 hour test 18.54 barrels oil and 74.95 barrels water and BS. After testing, pulled tubing and set Lane-Wells bridge plug at 5218'.\*

## DEVIATION TESTS

250 - 1/4	2050 - 3/4	3900 - 1/4	5530 - 3/4
550 - 1/2	2570 - 1	4250 - 1/4	5900 - 1
1050 - 1/4	3057 - 1/2	4745 - 2	6400 - 1/2
1550 - 0	3350 - 1/4	5200 - 1-1/4	6528 - 1-1/2