

SKELLY OIL COMPANY

REPORT OF CHANGE IN WELL RECORD

Give complete description of all cleaning out, deepening, plugging back and fishing jobs, changes in casing, material lost in hole, etc., not recorded in original well record.

LEASE NAME Miles "D" WELL NO. 1

CLEANING OUT RECORD				PLUGGING BACK DEEPENING RECORD			
Date commenced.....	193.....			Date commenced.....	March 10, 193.43		
Date completed.....	193.....			Date completed.....	April 9, 193.43		
Cleaned out from.....	to..... T. D.....			Plugged back to	4055½ to 4168' T. D. 4168'		
Prod. before.....	bbls. oil.....	bbls. water.....	cu. ft. gas.....	Prod. before.....	bbls. oil.....	bbls. water.....	cu. ft. gas.....
Prod. after.....	bbls. oil.....	bbls. water.....	cu. ft. gas.....	Prod. after.....	bbls. oil.....	bbls. water.....	cu. ft. gas.....
Kind of tools used:.....				Kind of tools used:.....	Rotary		
Tools owned by:.....				Tools owned by:.....	Ruso Drilling Company		

SHOT RECORD

Date	Size shot	Qts.	Qts.	Qts.	Qts.
Shot between	Ft. and	Ft.	Ft. and	Ft.	Ft. and
Size of shell					
Put in by (Co.)					
Length anchor					
Distance below casing					
Damage to casing or casing shoulder					

CHANGES IN CASING RECORD

SIZE	Wt.	Thds.	Where Set	PULLED OUT			LEFT IN			KIND	Cond'n	CEMENTING	
				Jts.	Feet	In.	Jts.	Feet	In.			Sacks-Used	Method Employed
Set 3½" OD. x 2" Reg.			Lane-Wells				double sleeve						formation packer at 4123' on
2" Reg. Steel Tubing with anchor.				42'			of 2½" EUE						Steel Tubing below packer for

Liner set at..... Length..... Perforated at.....

Packer set at..... Size and kind.....

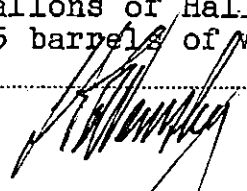
REMARKS (Give review of work accomplished and any other comment of interest).....
 Moved and rigged up rotary tools on March 13, 1943, and drilled deeper as follows:

Cement..... 4055½ 4065
 Cement and lime..... 4065 4075
 Lime..... 4075 4085

Ran 2" tubing and acidized with 2000 gallons of Halliburton acid, used 25 barrels of water, then (over)

(Use reverse side for continuation of remarks and for formation record).

Superintendent.



REMARKS (Continued)..... swabbed out acid water and ran 50
 sacks of cement through 2" tubing
 by Halliburton, TP-1200#, ran 18
 sacks of cement, TP-1750#, cement-
 ing off Viola Lime water, 18
 sacks going in formation, leaving
 380' of cement in 4½" OD casing.
 On March 19, 1943, drilled cement
 plug and drilled ahead as follows:

Lime 4085 4127

RECORD OF FORMATIONS

FORMATION	TOP	BOTTOM	REMARKS
			Indicate Casing Points, Describe Shows of Oil, Gas and Water, etc.
Dense grey finely crys- talline dolomite with 10% chert	4127	4128	No porosity
Medium hard, very coarsely crystalline lime and dolomite	4128	4135	Slight porosity
Medium hard, very coarsely crystalline dolomite	4135	4138	<u>TOP COARSLEY CRYSTALLINE LIME 4128'</u> Medium porosity
Same	4138	4141	Porous
Medium soft, grey sandy dolomite	4141	4148	<u>TOP SIMPSON DOLOMITE 4141'</u> Porous, probable gas
Medium hard sandy green shale	4148	4154	No Porosity
Medium soft coarse grey sand	4154	4161½	<u>TOP SIMPSON SAND 4154'</u> Probable gas
Grey porous, coarse sand	4161½	4164	Probable gas
Grey and brown sand	4164	4167	Medium porosity, probable gas
Grey and brown sand	4167	4168	Slight porosity and trace of shale
TOTAL DEPTH		4168'	

Shut down waiting on packer from March 25, 1943, until April 8, 1943, on this date cleaned hole to bottom and ran Lane-Wells double sleeve formation packer on 2" regular tubing and set at 4123' with 42' of 2½" EUE Steel tubing for anchor.

On April 9, 1943, swabbed through 2" tubing down to 3600' and well started showing gas, flowed 2 hours to clean hole and gas gauged 901 M cu. ft. Let well flow for 10 hours to clean hole and shut in to take U.S. Bureau of Mines back pressure test.

On April 10, 1943, flowed on Bureau of Mines BP test for 3 hours, then took open flow test by State Corporation Commission through 2" tubing, flowed 15 minutes to establish 24 hour S.G.C. potential of 1,074 M cubic feet, BHP at 4150' was 642#.