



OIL AND GAS CONSERVATION COMMISSION OF THE STATE OF COLORADO

WELL COMPLETION REPORT

RECEIVED
SEP 19 1958

OIL & GAS

CONSERVATION COMMISSION

INSTRUCTIONS

Within thirty (30) days after the completion of any well, the owner or operator shall transmit to the Director three (3) copies of this form, for wells drilled on Patented or Federal lands and four (4) copies for wells drilled on State lands. Upon request, geological information will be kept confidential for six months after the filing thereof.

Field Cedar Creek Operator Skelly Oil Company
County Logan Address P. O. Drawer 310
City Sterling State Colorado

Lease Name G. A. Henderson Well No. 4 Derrick Floor Elevation 4272
Location NE/4 SE/4 NW/4 Section 18 Township 9N Range 53W Meridian 6th PM
1653 feet from North Section line and 2464 feet from West Section Line
N or S E or W

Drilled on: Private Land ☒ Federal Land ☐ State Land ☐
Number of producing wells on this lease including this well: Oil 3; Gas _____
Well completed as: Dry Hole ☐ Oil Well ☒ Gas Well ☐

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Date September 17, 1958Signed L. F. Bass
Title District Superintendent

The summary on this page is for the condition of the well as above date.
Commenced drilling August 12, 19 58 Finished drilling August 18, 19 58

CASING RECORD

SIZE	WT. PER FT.	GRADE	DEPTH LANDED	NO. SKS. CMT.	W.O.C.	PRESSURE TEST	
						Time	Psi
8-5/8"	22.7#	Armco SWSJ	132'	125	24	1/2 Hour	150
5-1/2"	14#	SS J-55	5117'	200	48	2 Hours	1500

CASING PERFORATIONS

Type of Charge	No. Perforations per ft.	From	Zone	To
Lane-Wells	4-Way Squeeze Shot	4963'		Squeezed Off
Lane-Wells Series	8 Shots Per Foot	4948'		4955'
"E" Bullets				

TOTAL DEPTH 5117'PLUG BACK DEPTH 5092'

Oil Productive Zone: From 4948' To 4955' Gas Productive Zone: From 4948' To 4955'
Electric or other Logs run Schlumberger Log Date August 18, 19 58
Was well cored? No Has well sign been properly posted? Not Yet

RECORD OF SHOOTING AND/OR CHEMICAL TREATMENT

DATE	SHELL, EXPLOSIVE OR CHEMICAL USED	QUANTITY	ZONE		FORMATION	REMARKS
			From	To		
8-25-58	Dowell Mud Acid	300 Gals.	4948'	4955'	1st Dakota "D" Sand	WRS
8-26-58	Frac Sand	10,000#	4948'	4955'	1st Dakota "D" Sand	HHM
8-26-58	Frac Oil	10,925 Gals.	4948'	4955'	1st Dakota "D" Sand	JAM

Results of shooting and/or chemical treatment:

DATA ON TEST

Test Commenced 7 A.M. or P.M. Sept. 4, 19 58 Test Completed 7 A.M. or P.M. Sept. 5, 19 58
For Flowing Well: For Pumping Well:

Flowing Press. on Csg. _____ lbs./sq.in.

Length of stroke used 64 inches.

Flowing Press. on Tbg. _____ lbs./sq.in.

Number of strokes per minute 14

Size Tbg. _____ in. No. feet run _____

Diam. of working barrel 2 inches

Size Choke _____ in.

Size Tbg. 2 in. No. feet run 5063

Shut-in Pressure _____

Depth of Pump 5033 feet.

If flowing well, did this well flow for the entire duration of this test without the use of swab or other artificial flow device?

TEST RESULTS: Bbls. oil per day 189 API Gravity 38.1
Gas Vol. 73.3 Mcf/Day; Gas-Oil Ratio 388/1 Cf/Bbl. of oil
B.S. & W. 2 %; Gas Gravity Unknown (Corr. to 15.025 psi & 60°F)

SEE
REVERSE
SIDE

FORMATION RECORD

Give name, top, bottom and description of all formations encountered, and indicate oil, gas and water bearing intervals, cored sections and drill stem tests.

INSTRUCTIONS

FORMATION NAME	TOP	BOTTOM	DESCRIPTION AND REMARKS
Niobrara Chalk	4147		
Timpas Limestone	4460		
Carlile Shale	4510		
Greenhorn Limestone	4713		
1st Dakota "D" Sand	4946	4982	
3rd Dakota "J" Sand	5050		

CORES - NONE

DRILL STEM TEST NO. 1:	5052' - 5064'	Straddle Test.
		Tool open 30 minutes, gas to surface in 2 1/2 minutes. Gas gauged at the rate of 1,700,000 CF/GPD. Final gauge was at rate of 2,200,000 CF/GPD. Recovered 15' of oil and 15' of water. IBHFP 279#; FBHFP 399#; BHSIP 1270#/15 minutes; Hydrostatic Pressure 2781#.

CASING PERFORATIONS

Type of Charge	No. Perforations per ft.	From	To
Jane-Wells Series	8 Shots per foot	4982'	4983'
Jane-Wells Series	4-1/2" Squeeze Shot	4983'	4984'
"W" Bullets			
TOTAL DEPTH	5117'	PLUG BACK DEPTH	5082'

RECORD OF SHOOTING AND/OR CHEMICAL TREATMENT

DATE	SHELL EXPLOSIVE OR CHEMICAL USED	QUANTITY	FORMATION	REMARKS
8-25-58	Dowell Mtd. Acid	300 Gals.	1st Dakota "D" Sand	
8-25-58	Trico Sand	10,000	1st Dakota "D" Sand	
8-25-58	Trico Oil	10,000	1st Dakota "D" Sand	

DATA ON TEST

Test Commenced	7:10 A.M. or P.M. cont. A.	10:58	Test Completed	7:10 A.M. or P.M. cont. B.	10:58
Flowing Pressure on Casing	in. pad.in.		Flowing Pressure on Tubing	in. pad.in.	
Shut-in Pressure	in.		Shut-in Pressure	in.	
Size of Choke	in.		Size of Choke	in.	
Depth of Pump	5033		Depth of Pump	5033	
Length of stroke used	inches		Length of stroke used	inches	
Number of strokes per minute	14		Number of strokes per minute	14	
Diam. of working barrel	inches		Diam. of working barrel	inches	
Size of Pump	in. No. 100		Size of Pump	in. No. 100	

TEST RESULTS: Hole oil per day	132	API Gravity	38.1
Gas Vol. 13.3 Mcf/day		Gas-Oil Ratio	382/1
B.S. & W. 2		Gas Gravity	Unknown