



OIL AND GAS CONSERVATION COMMISSION  
OF THE STATE OF COLORADO

WELL COMPLETION REPORT

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 NORTH MT. HOPE Cedar Creek Operator A. T. SKAER  
 County LOGAN Address 3250 MONACO PARKWAY  
 City DENVER 7, State COLORADO  
 Lease Name KIRK Well No. 4 Derrick Floor Elevation 4251 KB  
 Location NW NW SE Section 18 Township 9N Range 53W Meridian  
990 feet from N Section line and 330 feet from W 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 \_\_\_\_\_; 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 3-13-59 Signed \_\_\_\_\_ Title AGENT

The summary on this page is for the condition of the well as above date.  
 Commenced drilling FEB. 12, 19 59 Finished drilling FEB. 19, 19 59

CASING RECORD

SIZE	WT. PER FT.	GRADE	DEPTH LANDED	NO. SKS. CMT.	W.O.C.	PRESSURE TEST	
						Time	Psi
8-5/8	28#		134'	125	12 HRS		
5-1/2"	14#	J-55	5123	150	72 "		

CASING PERFORATIONS

Type of Charge	No. Perforations per ft.	From	Zone	To	
	SEE REVERSE SIDE				AJJ
					DVR
					WRS
					HFM
					JAM
					FJP
TOTAL DEPTH	<u>5125'</u>	PLUG BACK DEPTH	<u>5096</u>		JJD
					FILE

Oil Productive Zone: From 4938 To 4950 Gas Productive Zone: From NONE To \_\_\_\_\_  
 Electric or other Logs run ES ML G/R Date FEB. 19, 19 59  
 Was well cored? No Has well sign been properly posted? \_\_\_\_\_

RECORD OF SHOOTING AND/OR CHEMICAL TREATMENT

DATE	SHELL, EXPLOSIVE OR CHEMICAL USED	QUANTITY	ZONE		FORMATION	REMARKS
			From	To		
2-23-59	DOWELL 7-1/2% ACID	300 GAL	5054	5059	1ST "J" BENCH	WELL NOT HELPED

Results of shooting and/or chemical treatment: PUMPED IN @ 1400#, DID NOT HELP WELL, NON-COMMERCIAL  
 IN THIS ZONE

DATA ON TEST

Test Commenced 8 A.M. or P.M. FEB. 9 19 59 Test Completed 8 A.M. or P.M. FEB. 10 19 59  
 For Flowing Well: For Pumping Well:  
 Flowing Press. on Csg. \_\_\_\_\_ lbs./sq.in. Length of stroke used 54 inches.  
 Flowing Press. on Tbg. \_\_\_\_\_ lbs./sq.in. Number of strokes per minute 14-1/2  
 Size Tbg. \_\_\_\_\_ in. No. feet run \_\_\_\_\_ Diam. of working barrel 1-3/4 inches  
 Size Choke \_\_\_\_\_ in. Size Tbg. 2-1/2 in. No. feet run 5012  
 Shut-in Pressure \_\_\_\_\_ Depth of Pump 4980 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?  
 \_\_\_\_\_

SEE REVERSE SIDE

TEST RESULTS: Bbls. oil per day <u>95</u> API Gravity <u>37.2</u>
Gas Vol. <u>137</u> Mcf/Day; Gas-Oil Ratio <u>1500/1</u> Cf/Bbl. of oil
B.S. & W. <u>NONE</u> %; Gas Gravity <u>NOT TAKEN</u> (Corr. to 15.025 psi & 60°F)

RECEIVED  
MAR 7 1959

**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.

FORMATION NAME	TOP	BOTTOM	DESCRIPTION AND REMARKS
NIobrara	4018		
Ft. Hays	4450		
CODEL	4490		
CARLILE	4496		
GREEN HORN	4702		
BENTONITE	4817		
"D"	4938		
"J"	5044		
TD	5125		

DATE	WELL	DEPTH	DESCRIPTION	REMARKS
3-13-59		2125'	PLUG BACK DEPTH	
2-25-59	DOWELL 7-1/2" ACID	300 GAL		WELL NOT HELPER

**BEST IMAGE AVAILABLE**

**CASING PERFORATIONS:**

#1 (24 BULLETS) 5054-5058 1ST BENCH "J" SAND

#2 (24 SUPER CASING JETS) 5055-5059 1ST BENCH "J" SAND

RESULTS: 6 GALS. FLUID PER HR. (3 0:1 3 WATER) NON-COMMERCIAL

#3 (18 BULLETS) 5086-5089

RESULTS: 30 GALS. FLUID PER HR (8 0:1, 22 WATER) NON-COMMERCIAL

BAKER C.I. BRIDGE PLUG SET 5040' w/ CEMENT TO 5032'

#4 (20 BULLETS) 4944-4949' "D" SAND

#5 (9 SUPER CAS. JETS) 4948-4951' "D" SAND

2-25-59 "D" SAND SAND FRAC'D w/200 GAL. 7-1/2" ACID AHEAD OF BREAKDOWN OIL, 10,000 GAL. FRAC OIL, 10,000# SAND, BREAKDOWN, PRESS. 1900# TO 1800#, TREATING PRESS. 2300#, FINAL RR PRESS. 2200#, PRESS DROP 2200# TO VAC IN 7 MIN. INPUT RATE 22 B.P. MIN.

RESULTS: WELL SMABBED 7.1 BPHR FOR 24 HRS. w/ GOOD GOR