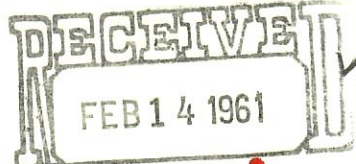




# OIL AND GAS CONSERVATION COMMISSION OF THE STATE OF COLORADO

## WELL COMPLETION REPORT



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 West Padroni Operator Sinclair Oil & Gas Company  
 County Logan Address P. O. Box 9  
 City Fort Morgan State Colorado  
 Lease Name Arthur Sindt Well No. 4 Ground Level 4016  
 Location C - NE - NE Section 7 Township 9 N Range 52 W Meridian 6th P M  
660 feet from N Section line and 660 feet from E Section Line  
 N or S. N E or W E  
 Drilled on: Private Land ☒ Federal Land ☐ State Land ☐  
 Number of producing wells on this lease including this well: Oil 4; 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 February 10, 1961 Signed A. B. Parker Title District Superintendent  
 The summary on this page is for the condition of the well as above date.  
 Commenced drilling December 10, 1960 Finished drilling December 18, 1960

### CASING RECORD

SIZE	WT. PER FT.	GRADE	DEPTH LANDED	NO. SKS. CMT.	W.O.C.	PRESSURE TEST	
						Time	Psi
8-5/8"	17.28	Armco SJSW	164	170	12	1	600
5-1/2"	15.5 & 14	J55 SS R2	5,042	150-Pozmix	72	2	1500

### CASING PERFORATIONS

Type of Charge	No. Perforations per ft.	From	Zone	To
Super Csg. Jets	4	4990	"O"	5003
TOTAL DEPTH <u>5043</u> PLUG BACK DEPTH <u>5018</u>				

Oil Productive Zone: From 4987 To 5010 Gas Productive Zone: From - To -  
 Electric or other Logs run Induction Electric; Micro-Log; Gamma-Ray Date 12-17, 1960  
 Was well cored? No Has well sign been properly posted? Yes

### RECORD OF SHOOTING AND/OR CHEMICAL TREATMENT

DATE	SHELL, EXPLOSIVE OR CHEMICAL USED	QUANTITY	ZONE		FORMATION	REMARKS
			From	To		
(12-21-60)	200-Gals. XM-18 acid	379-bbls.	4990	5003	"O" Sand	
( )	w/30 gals. crude	Lease				
( )	followed by 6000# sand.	Crude oil				

Results of shooting and/or chemical treatment: From 30 bbls. oil, no water, in 16 hrs. to 62 bbls. oil, 20 bbls. water in 24 hrs.

### DATA ON TEST

Test Commenced 7 A.M. or PM 12-29 1960 Test Completed 7 A.M. or PM 12-30 1960  
 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 8  
 Size Tbg. \_\_\_\_\_ in. No. feet run \_\_\_\_\_ Diam. of working barrel 1-3/4 inches  
 Size Choke \_\_\_\_\_ in. Size Tbg. 2-3/8 in. No. feet run 4965  
 Shut-in Pressure \_\_\_\_\_ Depth of Pump 4918 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? Yes

TEST RESULTS: Bbls. oil per day 62 API Gravity 16.0  
 Gas Vol. \* Mcf/Day; Gas-Oil Ratio \* Cf/Bbl. of oil  
 B.S. & W. 24 %; Gas Gravity \* (Corr. to 15.025 psi & 60°F)

\* Too small to measure.



# 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
PIERRE	0	3808	Shale, light to dark gray.
NIOBRARA	3808	4069	Shale, gray calcareous, nodules in top 40'.
FORT HAYS	4069	4104	Limestone, white to buff, chalky.
CODELL	4104	4130	Sandstone, gray, fine grained, tight, limey.
CARLILE	4130	4358	Shale, gray, fissile & silty.
GREENHORN	4358	4499	Top 5' limestone, gray brown, soft, balance gray shale w/ streaks of bentonitic & sandy formations.
GRANEROS	4499	4599	Shale, gray black, fossiliferous.
"D" SAND	4599	4645	Sand, fine grained, shaley, poor porosity, no shows.
GRANEROS	4645	4715	Shale, gray black, hard.
"J" SAND	4715	4816	Sandstone, fine grained, poor to fair porosity, no shows.
SKULL CREEK	4816	4938	Shale, black, brittle.
"M" SAND	4938	4987	Sand, fine grained, hard, no porosity or permeability, black oil stains.
"O" SAND	4987	5043	Sand, fine grained, shaley, fair to poor porosity & permeability, black oil stains.
GEOLOGICAL TOPS - (Schlumberger)			
Niobrara	3808	208	
Fort Hays	4069	53	
Carlile	4130	114	
Greenhorn	4358	342	
Bentonite	4499	483	
"D" Sand	4599	583	
"J" Sand	4715	699	
Skull Creek	4816	800	
"M" Sand	4938	922	
"O" Sand	4987	941	

TEST RESULTS: Bbls oil per day \_\_\_\_\_

Gas Vol. \_\_\_\_\_ Mcf/day \_\_\_\_\_

Gas Gravity \_\_\_\_\_ (Corr. to 60°F)

Water Gravity \_\_\_\_\_

Flowing Pressure on Gage \_\_\_\_\_ lbs./sq. in.

Flowing Pressure on Test \_\_\_\_\_ lbs./sq. in.

Size of \_\_\_\_\_ in. No. 1 test run \_\_\_\_\_

Size of \_\_\_\_\_ in.

Size in Pressure \_\_\_\_\_

If flowing well, shut this well for the entire duration of this run without the use of wash or other artificial flow device.

Depth of Pump \_\_\_\_\_

Size of \_\_\_\_\_

Size of \_\_\_\_\_

Number of strokes per minute \_\_\_\_\_

Length of stroke used \_\_\_\_\_

For Pumping \_\_\_\_\_

Test Completed \_\_\_\_\_ A.M. or P.M. \_\_\_\_\_

DATE ON TEST \_\_\_\_\_