

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 W. E. Dickinson, Jr. Well No. 3 Ground Level Derrick Floor Elevation 4036 - Ft.  
 Location C - SW - SW Section 6 Township 9 N Range 52 W Meridian 6th P.M.  
660 feet from S Section line and 660 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 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 March 29, 1961 Signed A. B. [Signature]  
 Title District Superintendent

The summary on this page is for the condition of the well as above date.  
 Commenced drilling January 2, 19 61 Finished drilling January 8, 19 61

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 SWS	284	250	12	1-Hr.	600
5-1/2"	14	J55 SS R2	5074	150	72	2-Hrs.	1500

CASING PERFORATIONS

Type of Charge	No. Perforations per ft.	Zone		From	To	AJJ	DVR	WRS	HAM	JAM	EJP	JJD	FILE
		From	To										
Super Csg. Jets	4 (Diesel Oil Squeezed)	5007	"0"	5015									
3-Way Notch	3	5009	"0"	5009									
TOTAL DEPTH <u>5075</u>		PLUG BACK DEPTH <u>5010</u>											

Oil Productive Zone: From 5007 To 5015 Gas Productive Zone: From - To -  
 Electric or other Logs run IE, Micro-Log, Gamma-Ray Neutron Date 1-8-, 19 61  
 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		
1-12-61	200-Gals. XM-18 Acid & 5000# Sand-Oil	358-bbls. Load oil	5007	5015	"0"	
2-15-61	250-Gals. MCA & 7-Gals. Mor-flo	126 bbls. Load Oil	5009	5009	"0"	

Results of shooting and/or chemical treatment: 1st. treatment produced too much water so Diesel Oil squeezed; 2nd treatment thru notch increased ratio of oil to water produced appreciably.

DATA ON TEST

Test Commenced 7 A.M. or P.M. Feb. 19 1961 Test Completed 7 A.M. or P.M. Feb. 20, 19 61  
 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 15  
 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 5002  
 Shut-in Pressure \_\_\_\_\_ Depth of Pump 4956 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 <u>101</u> API Gravity <u>16.0</u>
Gas Vol. * _____ Mcf/Day; Gas-Oil Ratio _____ Cf/Bbl. of oil
B.S. & W. <u>61</u> %; 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	3849	Shale, light to dark gray, very bentonitic and silty in part.
NIORARA	3849	4098	Shale, light to dark gray, with minute calcareous nodules, top 40 or 50 feet gradational zone, bentonitic in part, trace of pyrite and aragonite.
FORT HAYS	4098	4160	Limestone, white to buff, chalky.
CARLILE	4160	4382	Shale, light to dark gray, fissile and silty in part, trace of pyrite and aragonite.
GREENHORN	4382	4525	Top 5' limestone, gray and brown, soft, argillaceous, mostly dark gray, fissile shale, streaks of bentonite, sand stone hard, very fine grained, very calcareous, and limey siltstone.
GRANEROS	4525	4619	Shale, dark gray to black, medium hard, few thin beds of bentonite layers, fairly fossiliferous.
"D" SAND	4619	4669	Sand, very fine grained, shaly in upper 20 feet, very hard, oil residue, bottom 30 feet has P & P.
G GRANEROS	4669	4739	Shale, dark gray to black, medium hard, few thin beds of bentonite layers, fairly fossiliferous.
"J" SAND	4739	4833	40 Feet Sand, very fine grained, shaly, 40 feet very fine grained to fine grained, P & P, no show.
SKULL CREEK	4833	4954	Shale, hard, black, brittle, occasional hard siltstone streaks.
"M" SAND	4954	5004	10 feet sand, very fine to medium grained to silty, quartzitic, no show, 38 feet shale, dark gray.
"O" SAND	5004	5075	Sand, very fine grained, well sorted, rounded, good P&P, friable, rounded, black oil saturation.
ELECTRIC LOG TOPS: (Schlumberger)			
Niobrara	3849	187	
Fort Hays	4098	62	
Carlile	4160	124	
Greenhorn	4382	346	
Bentonite	4525	489	
"D" Sand	4619	583	
"J" Sand	4739	703	
Skull Creek	4833	797	
"M" Sand	4954	918	
"O" Sand	5004	968	