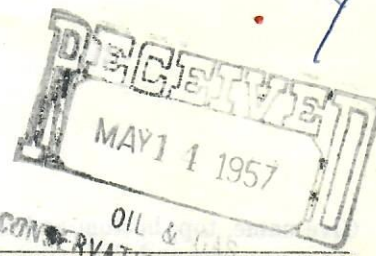


OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF COLORADO

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 W C Operator Southwestern Exploration Company
County Baca Address 1408 Mile High Center
City Denver 2, State Colorado
Lease Name Schroder Well No. 1 Derrick Floor Elevation 4281
Location C Nw/4 NW/4 Section 20 Township 33S Range 45 W Meridian 6th PM
660' (quarter quarter) feet from N 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 none; Gas none
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 May 10, 1957

Signed Southwestern Exploration Company
Title W H Bird, partner

The summary on this page is for the condition of the well as above date. Commenced drilling October 30, 1956 Finished drilling Rotary completed Dec. 1, 1956
Spudded

CASING RECORD

SIZE	WT. PER FT.	GRADE	DEPTH LANDED	NO. SKS. CMT.	W.O.C.	PRESSURE TEST	
						Time	Psi
12/3/56..	PLUGGED	Dec. 10, 1956					
	and approved	A J Jersin					

CASING PERFORATIONS

Type of Charge	No. Perforations per ft.	From	Zone	To	
					AJJ
					DVR
					FJK
					WRS
					HHA
					AA
					JJD
					FILE

Oil Productive Zone: From _____ To _____ Gas Productive Zone: From _____ To _____
Electric or other Logs run Schlumberger Elec. & Micro. Date Dec. 1st, 1956
Was well cored? yes 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		

Results of shooting and/or chemical treatment: _____

DATA ON TEST

Test Commenced A.M. or P.M. 1956 Test Completed A.M. or P.M. 1956

For Flowing Well:

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

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

Size Tbg. _____ in. No. feet run _____

Size Choke _____ in.

Shut-in Pressure _____

For Pumping Well:

Length of stroke used _____ inches.

Number of strokes per minute _____

Diam. of working barrel _____ inches

Size Tbg. _____ in. No. feet run _____

Depth of Pump _____ 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 _____ API Gravity _____
Gas Vol. _____ Mcf/Day; Gas-Oil Ratio _____ Cf/Bbl. of oil
B.S. & W. _____ %; Gas Gravity _____ (Corr. to 15.025 psi & 60°F)

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
Stone Corral	1835		
Harper Cnty sand-stone	1860		
Admire	2926		
Shawnee	3255		
			<u>3263 DST #1</u> weak blow 8 min. tool open 1-hr, recovered 10' mud, IFP 0#, FFP 0#, BHSIP 780# in 20 min., BHTemp 94 deg. Gas reading of fluid 2 units, Chlorides 1700 ppm. Rotary mud read 1200 ppm.
			<u>3282DST #2</u> weak continuous blow 1" in bucket thru out test. Tool open 2-hrs, total recovery 220', 120' heavy mud, few spots live oil, 100' thin rotary mud, few spots oil. IFP 60#. FFP 160#, BHSIP 810# in 20 min. Hydrostatic head 1800#. BHTemp 98 deg.
			<u>4916 DST #3</u> very weak blow top of bucket 22 min., opened by-pass in 45 min, very weak blow 10 min., tool open 1-hr, recovered 10' mud. IFP 60#, FFP80#, BHSIP 660# in 20 min. Hydrostatic Head 2620#. BHTemp 112 deg. Gas detector registered 4 units in the mud. Chlorides in the drilling mud 1200 ppm, " in the DST fluid 1800ppm
			<u>CORE description</u> 5377-5378, green very hard poorly sorted shaly sand stone 5378-5379 flaky dark gray fissile shale 5379-5383 1/2 dark flaky hard silty shale, vertical fractures 5383 1/2-5389 grayish black hard silty shale, intermittent zones of rotten shale 5389-5405 gray to black hard silty shale, numerous very thin laminae or gray green hard fine grained sandstone. 5405-5407 1/2 platy very hard silty flaky shale, few fine vertical fractures. Note... There were some very fine micaceous fragments thru out the core.

Diamond Core #2

5426-5474, full recovery

Core chips and visual description

- 5426-5429 1/2 mostly medium coarse semi rounded sandstone in medium to coarse crystalline limestone, trace stain 5427-291/2
- 5429 1/2-36 1/2 poorly sorted medium fine, #### to mostly medium coarse siliceous cemented sandstone, much mottled light golden tan stain spotted free live oil and good odor thruout.
- 5436 1/2-37 1/2 white fine to coarse hard cemented sandstone, numerous black shale laminae, few shale pebbles.
- 5437 1/2-5445 medium fine to coarse cemented sandstone with large semirounded and angular quartz inclusions.