OGCC Form 5

00660037

OIL AND GAS CONSERVATION COMMISSION OF THE STATE OF COLORADO

WELL COMPLETION REPORT

RECEIVED MAY 11 1957 OIL & GAS CONSERVATION COMMISSION

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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 (quarter quarter) — Section 20 — Township 33S — Range 45 W — Meridian 6th PM

660' feet from N (N or S) Section line and 660 feet from W (E or W) Section Line

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.

Signed Southwestern Exploration Company

Date May 10, 1957 — 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	PRESSURE TEST Psi
12/3/56...	P L U G G E D	Dec. 10, 1956					
	and approved	A J Jersin					

CASING PERFORATIONS

Type of Charge	No. Perforations per ft.	Zone From	Zone To

AJJ ✓ DVR FJK WRS ✓ HH AH JJD ✓ FILE

TOTAL DEPTH 5601 — PLUG BACK DEPTH

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 From	ZONE To	FORMATION	REMARKS

Results of shooting and/or chemical treatment:

DATA ON TEST

Test Commenced ____ A.M. or P.M. ____ 19____. Test Completed ____ A.M. or P.M. ____ 19____.

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)

P+A

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		3263 DST #1 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.
			3282DST #2 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.
			4916 DST #3 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#. BHTem 112 deg. Gas detector registered 4 units in the mud. Chlorides in the drilling mud 1200 ppm, " in the DST fluid 1800ppn
			CORE description 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. 5408-5407 1/2 platy very hard silty flaky shale, few 5405-5407 1/2 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 crystaline limestone, trace stain 5427-291/2 5429 1/2-36 1/2 poorly sorted medium fine, #### to mostly medium coarse seliceous 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.