

OIL AND GAS CONSERVATION COMMISSION
COLORADO

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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 Wildcat Operator Arrowhead Exploration Company
County Washington Address 1200 Mile High Center
City Denver State Colorado

Lease Name Schug et al Well No. 22-19 Derrick Floor Elevation 4822' KB
Location SE NW Section 19 Township 3S Range 56W Meridian
1986 feet from N 1/4 S Section line and 2013 feet from 20' W Section Line

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 March 11, 1966 Signed Ted Koble Title Production Superintendent

The summary on this page is for the condition of the well as above date.
Commenced drilling October 6, 1965 Finished drilling October 12, 1965

CASING RECORD

SIZE	WT. PER FT.	GRADE	DEPTH LANDED	NO. SKS. CMT.	W.O.C.	PRESSURE TEST	
						Time	Psi
8 5/8"	24#	J-55	106' KB	75 sx	12 hrs.		

CASING PERFORATIONS

Type of Charge	No. Perforations per ft.	Zone		DVR
		From	To	
-----				<input checked="" type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input checked="" type="checkbox"/>
				<input checked="" type="checkbox"/>
				<input type="checkbox"/>

TOTAL DEPTH 5328' PLUG BACK DEPTH _____

Oil Productive Zone: From _____ To _____ Gas Productive Zone: From _____ To _____
Electric or other Logs run Induction-Electrical Date 10-11- 1965
Was well cored? yes Gamma Ray Sonic w/caliper 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		

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? _____

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
			Core #1 from 5171'-5221', full recovery. ("J" Sand) - See enclosed Core Analysis.
			No DSTs were run in this well.
Niobrara	2426'		
Ft. Hayes	4684'		
Carlile	4729'		
Greenhorn	4806'		
Bentonite Marker	5033'		
"D" Sand	5124' (+302)		
"J" Sand	5175' (+353)		
TD	5328'		
TD Drils.	5327'		

DATA ON TEST

TEST NO	DATE	REMARKS