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DEC-7 1964

MR

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 Wildcat McCallum South Operator Midwest Oil Corporation (after casing point)
 County Jackson Address 1700 Broadway
 City Denver 2, State Colorado
 Lease Name Southland Royalty Federal Well No. 1 Derrick Floor Elevation 8294
 Location C NE SE Section 20 Township 9N Range 78W Meridian 6
 (quarter quarter) feet from N Section line and 660 feet from E Section Line
3300 feet from N Section line and 660 feet from E 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 _____; 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 November 24, 1964 Signed Courtney E Cook
 Title District Supt.

The summary on this page is for the condition of the well as above date.
 Commenced drilling 9-21, 1964 Finished drilling 11-13, 1964

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	377	225	12	15	1500
7"	20	J-55	2000	200 annular pack			
4-1/2	10.5	J-55	6247	150	24		

CASING PERFORATIONS

Type of Charge	No. Perforations per ft.	From	Zone	To
52 grm jet	one	6140		6160
TOTAL DEPTH <u>6248</u>		PLUG BACK DEPTH <u>6210</u>		

DVR	<input checked="" type="checkbox"/>
WFS	
HIM	
JAM	
FJP	<input checked="" type="checkbox"/>
ND	<input checked="" type="checkbox"/>
FILE	

Oil Productive Zone: From _____ To _____ Gas Productive Zone: From _____ To _____
 Electric or other Logs run ES, Ind, Sonic, Gamma Ray Date 11-11, 1964
 Was well cored? yes Has well sign been properly posted? no

RECORD OF SHOOTING AND/OR CHEMICAL TREATMENT

DATE	SHELL, EXPLOSIVE OR CHEMICAL USED	QUANTITY	ZONE		FORMATION	REMARKS
			From	To		
11-17-64	BDA	500 gal	6140	6160	Lakota	Swb dry
11-18-64	Frac - Black Gold, 20-40 sand	10,000 gal 8,000#	6140	6160	Lakota	Did not recover load

Results of shooting and/or chemical treatment: Dry hole

DATA ON TEST

Test Commenced _____ A.M. or P.M. _____ 19____ Test Completed _____ A.M. or P.M. _____ 19____
 For Flowing Well: For Pumping Well:
 Flowing Press. on Csg. _____ lbs./sq.in. Length of stroke used _____ inches.
 Flowing Press. on Tbg. _____ lbs./sq.in. Number of strokes per minute _____
 Size Tbg. _____ in. No. feet run _____ Diam. of working barrel _____ inches
 Size Choke _____ in. Size Tbg. _____ in. No. feet run _____
 Shut-in Pressure _____ 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)

SEE REVERSE SIDE

✓

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
Muddy	5888	6040	Cored 5973-5997 hd & tite
Dakota	6073	6109	Cored 6007-6014 hd & tite
Lakota	6140	6176	Cored 6073-6109 hd & tite
			Cored 6143-6175 low perm, low porosity, 25% oil saturation, 30-40% water sat in better perms.
			DST's 5 & 6 in lakota successful.
			#5 6154-6176 Open 30 min, shut in 1 hr. GTS 4 min. 113 mcf, IF 150, FF 160, HP 922, rec 90' gcm, 90' gas & oil cut mud, 130' OCW.
			#6 6152-6189 Open 2 hrs, shut in 1 hr. Strong blow. GTS 3 min, 125 mcf. Dec. to 39 mcf, rec 180' OCM, 383' O&GCW. ISI 1115, FSI 874, If 179, FF 220.
			Have not abandoned well yet. Giving all partners opportunity to study before pulling casing.

Well Name: _____
 Location: _____
 Date: _____
 Driller: _____
 Recorder: _____