SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

API NO. 15 - 193-20,326-00-00

County Thomas

NE NE SW Sec 20 Twp 9S Rge 33 ☐ East XX West
(location)

2310 Ft North from Southeast Corner of Section
2970 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

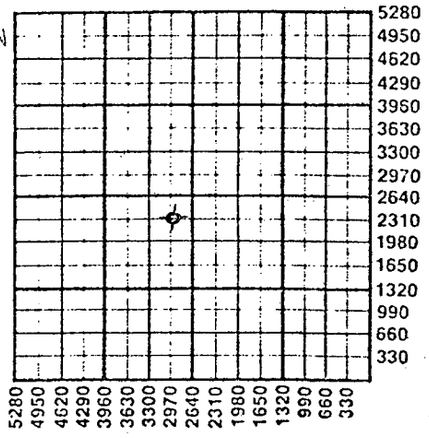
Lease Name GRUSING Well# 1

Field Name Wildcat

Producing Formation

Elevation: Ground 3129 KB 3134

Section Plat



DESCRIPTION OF WELL AND LEASE

Operator: license # 6710
name McNeish Oil Operations
address 528 State Bank Bldg.
Box 734
City/State/Zip Winfield, KS 67156

Operator Contact Person George McNeish
Phone 316-221-4870

Contractor: license # 5422
name Abercrombie Drilling, Inc.

Wellsite Geologist Martin K. Dubois
Phone 316-221-0428

Designate Type of Completion
XX New Well ☐ Re-Entry ☐ Workover

☐ Oil ☐ SWD ☐ Temp Abd
☐ Gas ☐ Inj ☐ Delayed Comp.
XX Dry ☐ Other (Core, Water Supply etc.)

RECEIVED
STATE CORPORATION COMMISSION
NOV 15 1984
11-15-1984
CONSERVATION DIVISION
Wichita, Kansas

If OWWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: XXX Mud Rotary ☐ Air Rotary ☐ Cable

10/12/84	10/19/84	10/19/84
Spud Date	Date Reached TD	Completion Date
4730'		
Total Depth	PBTD	

Amount of Surface Pipe Set and Cemented at 376.87' @ 384' feet

Multiple Stage Cementing Collar Used? ☐ Yes ☐ No

If Yes, Show Depth Set feet

If alternate 2 completion, cement circulated
from feet depth to w/ SX cmt

WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit #

☐ Groundwater Ft North From Southeast Corner and
(Well) Ft. West From Southeast Corner of
Sec Twp Rge ☐ East ☐ West

XX Surface Water 3960 Ft North From Sourtheast Corner and
(Stream, Pond etc.) 2640 Ft West From Southeast Corner
Sec 20 Twp 9S Rge 33 ☐ East XX West

☐ Other (explain)
(purchased from city, R.W.D.#)

Disposition of Produced Water: ☐ Disposal ☐ Repressuring

Docket #

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rules 82-3-130 and 82-3-107 apply.

Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months.

One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules, and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

JANICE S. FLICK
NOTARY PUBLIC
COWLEY COUNTY, KANSAS
MY APPT. EXPIRES 6/4/87

Signature George R. McNeish

Title Operator Date 11/13/84

Subscribed and sworn to before me this 11 day of November 19 84

Notary Public Janice S. Flick

Date Commission Expires 6/4/87

K.C.C. OFFICE USE ONLY
F ☐ Letter of Confidentiality Attached
C ☑ Wireline Log Received
C ☑ Drillers Timelog Received

Distribution
☑ KCC ☐ SWD/Rep ☐ NGPA
☑ KGS ☐ Plug ☐ Other (Specify)

Form ACO-1
(This form supercedes previous forms

Sec. 20 Twp. 9 Rge. 33 W

SIDE TWO

Operator Name McNeish Oil Operations Lease Name GRUSING Well# 1 SEC 20 TWP 9S RGE 33 ☐ East ☒ West

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken	☒ Yes	☐ No		
Samples Sent to Geological Survey	☐ Yes	☐ No		
Cores Taken	☐ Yes	☐ No		

0	387	Sand & Shale
387	2470	Shale & Sand
2470	2701	Shale
2701	2731	Anhydrite
2731	3036	Shale
3036	3965	Shale & Lime
3965	4121	Lime & Shale
4121	4730	Lime
4730		RTD

DST #1 4060-93 (straddle test, TD 4128)
30-30-30-30
Weak blow throughout test
Recovered: 30' mud
Flow pressures: 21-31, 42-52
Shut in pressures: 1190-1159
Hydrostatic Pr.: 1967-1988
Bottom hole temp.: 112

DST #2 4297-4318
30-30-30-30
Strong blow throughout test
Recovered: 855' muddy saltwater
Flow pressures: 21-231, 231-368
Shut in pressure: 1283-1274
Hydrostatic Pr.: 2141-2130
Bottom hole temp.: 131

Formation Description
☒ Log ☐ Sample

Name	Top	Bottom
Anhydrite	2701	
B/Anhydrite	2731	
Tarkio	3742	
Topeka	3919	
Heebner	4062	
Lansing	4101	
B. Kansas City	4388	
Pawnee	4517	
Cherokee Shale	4568	
Johnson Zone	4657	
B. Penn. Sandstone	4706	
Mississippi	4718	

CASING RECORD ☐ new ☐ used
Report all strings set - conductor, surface, intermediate, production, etc.

Purpose of string	size hole drilled	size casing set (in O.D.)	weight lbs/ft.	setting depth	type of cement	# sacks used	type and percent additives
Surface	12¼"	8 5/8"	20#	384'	60-40 poz.	290	2% gel, 3% cc

PERFORATION RECORD

shots per foot	specify footage of each interval perforated

Acid, Fracture, Shot, Cement Squeeze Record

(amount and kind of material used)	Depth

TUBING RECORD size set at packer at Liner Run ☐ Yes ☐ No

Date of First Production	Producing method ☐ flowing ☒ pumping ☐ gas lift ☐ Other (explain)				
Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio CFPB	Gravity

Disposition of gas: ☐ vented ☐ sold ☐ used on lease

METHOD OF COMPLETION
☐ open hole ☐ perforation
☐ other (specify)
☐ Dually Completed.
☐ Commingled

PRODUCTION INTERVAL