

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License # 8942
Name V & F Oil Company
Address P.O. Box 1053
Hays
City/State/Zip ~~MOHAWK~~ KS: ~~67460~~
67601
Purchaser Mobil Oil Corporation
Dallas, Texas
Operator Contact Person Doug Van Loenen
Phone ~~316-264-0387~~ 913-628-2495
Contractor: License # 6394
Name Mohawk Drilling, Inc.
Wellsite Geologist David Shumaker
Phone 913-483-5519

Designate Type of Completion

- New Well Re-Entry Workover
- Oil SWD Temp Abd
- Gas Inj Delayed Comp.
- Dry Other (Core, Water Supply etc.)

If ONWO: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth.....

WELL HISTORY

Drilling Method:

- Mud Rotary Air Rotary Cable

6-6-85 6-11-85 7-25-85
Spud Date Date Reached TD Completion Date

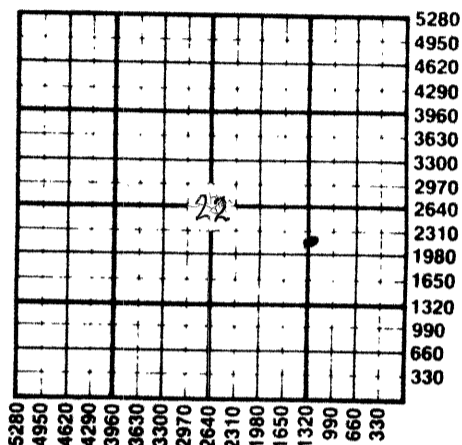
3824
Total Depth PBT

Amount of Surface Pipe Set and Cemented at 306 feet
Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set.....feet
If alternate 2 completion, cement circulated
from 307 feet depth to surface/120SX cmt

API NO. 15-065-22,193-00-00
County Graham
C N/2 SE Sec 22 Twp 9 Rge 21 East West
2210 Ft North from Southeast Corner of Section
1320 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)
Lease Name Sutor "B" Well # 1
Field Name Morel
Producing Formation Arbuckle
Elevation: Ground 2319 KB 2329

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket # CD-67710

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit #.....

Groundwater.....Ft North from Southeast Corner
(Well)Ft West from Southeast Corner of
Sec Twp Rge East West

Surface Water 350 Ft North from Southeast Corner
(Stream, pond etc) 3300 Ft West from Southeast Corner
Sec 22 Twp 9 Rge 21 East West

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

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. Rule 82-3-130 and 82-3-107 apply.

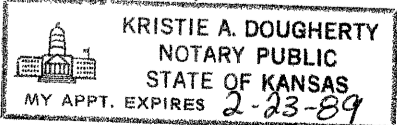
Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 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.

Signature Doug Van Loenen
Doug Van Loenen for V & F Oil Co.
Title General Partner Date 8/29/85

Subscribed and sworn to before me this 30th day of August 1985
Notary Public Kristie A. Dougherty

Date Commission Expires.....



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)
RECEIVED
STATE CORPORATION COMMISSION
9/4/85 Form ACO-1 (7-84)
SEP 4 1985

Sec 22 Twp 9 Rge 21 W

SIDE TWO

Operator Name V & F Oil Company Lease Name Sutor "B" Well # 1

Sec. 22 Twp. 9 Rge. 21 East West County Graham

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

Formation Description
 Log Sample

Drill Stem Test #1 3809-3824 Arbuckle
 Time: 30-30-30-30
 Flows: Initial - Weak building to stron
 Final - Strong, off bottom in 25 Min
 Recovery: 190' of clean gassy oil
 159' of mud cut oil
 348' of total fluid

Name	Top	Bottom
Anhydrite	1776	1809
Topeka	3280	3311
Heebner	3484	
Toronto	3508	
Lansing-KC	3524	3742
Arbuckle	3821	3824

(Completed as open hole)

Pressures:

IHMP: 2026# IFP: 32# - 32#
 ISIP: 873# FFP: 86# - 97#
 FSIP: 873# BHT: 114 F
 FHMP: 1971#

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> 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 (N)	12 1/4	8 5/8"		306'	Allied 60/40Poz	200	2%Gel 3%CC	
Production (N)	7 7/8	5 1/2"		3824	Common 50/50Poz	200 500	10%Salt 6%Gel	
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record				
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth		
				250 Gal 15% Acid		3821-24		
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
Date of First Production		Producing Method						
7/25/85		<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain)						
Estimated Production Per 24 Hours	Oil		Gas		Water		Gas-Oil Ratio	Gravity
	15	Bbls	N/A	MCF	180	Bbls	CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed
 Commingled