

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

S

Operator: License # 5313
Name F & M OIL CO., INC.
Address 422 Union Center
City/State/Zip Wichita, Ks. 67202

Purchaser Oil Producers Inc. of Kansas
Wichita, Ks. 67208

Operator Contact Person Ronald S. Schraeder
Phone (316) 262-2636

Contractor: License # 5103
Name Union Drilling Co., Inc.

Wellsite Geologist George McCaleb
Phone (316) 264-3701

Designate Type of Completion

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

If **OWO**: old well, info as follows:

Operator
Well Name
Comp. Date
Old Total Depth

WELL HISTORY

Drilling Method:

Mud Rotary Air Rotary Cable

6-14-80 Spud Date
6-24-80 Date Reached TD
7-18-80 Completion Date
4340' Total Depth
3982' PBTD

Amount of Surface Pipe Set and Cemented at 298 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set
If alternate 2 completion, cement circulated from
Cement Company Name
Invoice #

API NO. 15-095-20,969-0000
County Kingman
C SE SW Sec. 17 Twp 27S Rge. 7W East West
660
3300
Ft North from Southeast Corner of Section
Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

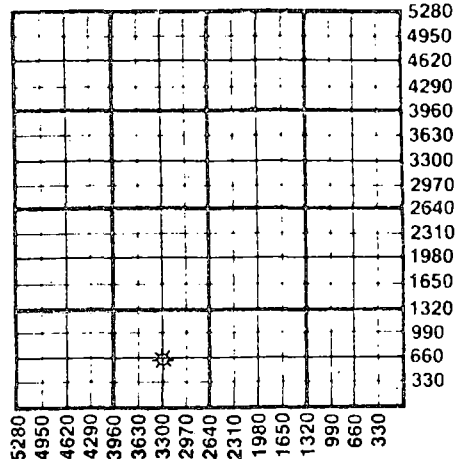
Lease Name Arnold Well # 1

Field Name Unknown Kingman West

Producing Formation Mississippi

Elevation: Ground 1585' KB 1590'

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # D-24,945 Repressuring
Arnold #2 "SWDW"

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water: NOT REQUIRED WHEN DRILLED
Division of Water Resources Permit #

Groundwater (Well) Ft North from Southeast Corner
Ft West from Southeast Corner of

Stream, pond etc) Ft North from Southeast Corner
Ft West from Southeast Corner

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

TIGHT HOLE
WATER FROM

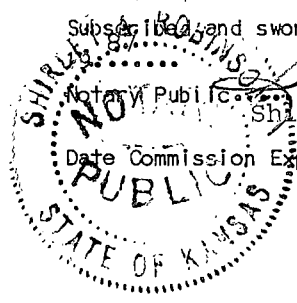
INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply.

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 X Ronald S. Schraeder
Title Operations Manager Date 2-10-87

Subscribed and sworn to before me this 10th day of February
Notary Public Shirley A. Robinson
Date Commission Expires 12-24-88



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)
STATE CORPORATION COMMISSION

FEB 15 1987

CONSERVATION DIVISION
Wichita, Kansas

2-13-1987

Sec. 17 Twp 27S Rge. 7W

Operator Name F & M OIL CO. INC. Lease Name..... Arnold Well #..... 1

Sec..... 17..... Twp..... 27S..... Rge..... 7W..... East West County..... Kingman

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

Name Top Bottom

DST#1 2020-87',
 20-20-20-20, wk 15" blow, rec 50' mud, FP's 70-70#, SIP's 589-518#.

DST#2 2415-76',
 30-30-30-30, rec 10' mud, FP's 72-52#, SIP's 704-52#.

DST#3 3938-48',
 30-45-45-45, GTS in 30", gauged in 10" 104,000 CF, 20" 100,000 CF, 30" 163,000 CF, 40" 171,000 CF, 45" 171,000 CF, rec 180' GCMW, 300' GCW, FP's 54-150#, SIP's 1322-1322#.

DST#4 3948-60',
 30-45-45-45, stg blow, rec 90' GCM, 420' GCW, FP's 40-245#, SIP's 1336-1281#.

Name	Top	Bottom
<u>Electric Log Tops:</u>		
Heebner	2972	(-1382)
Douglas	3020	(-1430)
Lansing	3231	(-1641)
B/KC	3711	(-2121)
Mississippi	3927	(-2337)
Viola	4285	(-2695)
Simpson	4302	(-2712)
LTD & RTD	4340	(-2750)

CASING RECORD <input 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	12 1/2"	8-5/8"		298'	common	250	2% gel, 3% CC
Production	7-7/8"	4 1/2"		4007'	common	100	10% salt
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
4	3930-40'			300 gallons 15% MCA acid		3930-40'	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Size	Set At	Packer at			
1-26-87		2-3/8"	3934'	None			
Date of First Production		Producing Method					
1-26-87		<input checked="" type="checkbox"/> Flowing <input 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	
		-----	250	480	-----	-----	
		Bbls	MCF	Bbls	CFPB		

METHOD OF COMPLETION

Production Interval

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

e Producers
 1st Purchaser
 K Park 2nd
 Purchaser

