

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 # 5692
Name Fina Oil & Chemical Company
Address 1601 N.W. Expressway, Ste. 900
City/State/Zip Oklahoma City, OK 73118

Purchaser Koch

Operator Contact Person Joe Springer
Phone (405) 840-0671

Contractor: License # 5302
Name Red Tiger Drilling Company

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

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
12/14/85 12/21/85 1-28-86
Spud Date Date Reached TD Completion Date
3,805' PBDT
Total Depth

Amount of Surface Pipe Set and Cemented at 253 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set feet
If alternate 2 completion, cement circulated from 260' feet depth to Surf w/ 200 SX cmt

API NO. 15-065-22,262 -00-00
County Graham
NW/4 SE/4 SW/4 17 9S Rge 21W East West

990 Ft North from Southeast Corner of Section
3630 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

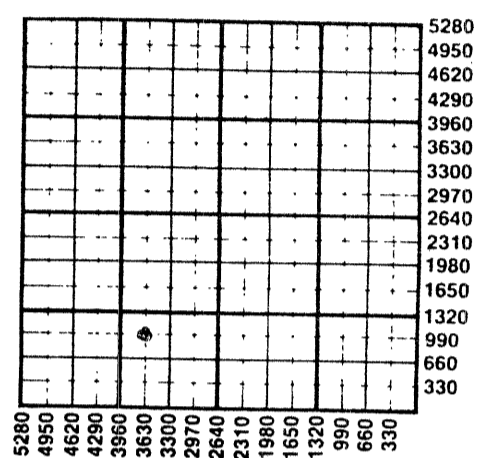
Lease Name Cooley "A" Well # 13

Field Name Morel

Producing Formation Arbuckle

Elevation: Ground 2295' KB 2300'

Section Plat



WATER SUPPLY INFORMATION
Disposition of Produced Water: Disposal Repressuring
Docket # 75,274-C
(C-11, 518)

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 4900 Ft North from Southeast Corner (Stream, pond etc.) 2900 Ft West from Southeast Corner Sec 5 Twp 10SRge 21 East West
Alice Smith, Goodland, Ks. 67735

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 Joe Springer
Title Engineer
Date 3/4/86
STATE CORPORATION COMMISSION
CONSERVATION DIVISION
Wichita, Kansas

Subscribed and sworn to before me this 4th day of March 1986
Notary Public Laylene M. Smith
Date Commission Expires 7/6/88

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)

Sec. 17 Twp. 9 Rge. 21W

SIDE TWO

Operator Name Fina Oil & Chemical Company Lease Name Cooley "A" Well # 13
 Sec. 17 Twp. 9S Rge. 21W 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

Arbuckle (3762-3801') IH 1929, FH 1886, BHT 109 degrees F., IF 370/643, time 10, ISI 995 time 60, FF 705/995 time 60, FSI 1006 time 120. Recovery: 250' GIP, 650' GLO (15% gas, 85% oil), 650' MCGO (20% gas, 60% oil, 15% mud).

Name	Top	Bottom
Heebner	3457'	
Toronto	3480'	
Lansing-Kansas City	3496'	
Arbuckle	3795'	

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	12 1/4"	8 5/8"	24#	260'	60/40 Poz	200	3% CC
Production	7 7/8"	5 1/2"	17#	3,796'	50/50 Poz Lite	150	10% Salt
						375	

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth

TUBING RECORD	Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2-7/8"	3801'			

Date of First Production	Producing Method				
1/28/86	<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
	20	--	186	--	27.7
	Bbls	MCF	Bbls	CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) 3801'-3805'
 Used on Lease Dually Completed
 Commingled

STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION

PRODUCTIVITY TEST
BARREL TEST

OPERATOR Fina Oil & Chemical Co LOCATION OF WELL NW/4 SE/4 - SW/4
 LEASE Cooley A. OF SEC. 17 T 9 R 21
 WELL NO. 13 COUNTY Graham
 FIELD Morel PRODUCING FORMATION Arbuckle
 Date Taken 5-27-86 Date Effective _____
 Well Depth 3805 Top Prod. Form 3796 Open Hole Perfs _____
 Casing: Size 5 1/2 Wt. _____ Depth 3796 Acid None
 Tubing: Size 2 7/8 Depth of Perfs 3771 Gravity 28 @ 60°
 Pump: Type Tubing Pump Bore 2 1/4 Purchaser Mobil
 Well Status Pumping
 Pumping, flowing, etc.

TEST DATA

Permanent Field _____ Special _____
 Flowing _____ Swabbing _____ Pumping

STATUS BEFORE TEST:

PRODUCED 24 HOURS

SHUT IN 0 HOURS

DURATION OF TEST _____ HOURS 1 MINUTES 40 SECONDS

GAUGES: WATER 24.5 INCHES 98 PERCENTAGE

OIL 1/2 - .05 INCHES 2 PERCENTAGE

GROSS FLUID PRODUCTION RATE (BARRELS PER DAY) 864

WATER PRODUCTION RATE (BARRELS PER DAY) 847

OIL PRODUCTION RATE (BARRELS PER DAY) 17 PRODUCTIVITY

STROKES PER MINUTE 11 3/4

LENGTH OF STROKE 144 INCHES

REGULAR PRODUCING SCHEDULE 24 HOURS PER DAY.

COMMENTS Initial Test.

WITNESSES:

Judith Paltz
FOR STATE

Henry Johnson
FOR OPERATOR

FOR OFFSET

RECEIVED
 STATE CORPORATION COMMISSION
 JUN 02 1986
 CONSERVATION DIVISION
 Wichita, Kansas