

SIDE ONE

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 # 4752 and 4569  
Name Source Petroleum  
Address 910 Century Plaza Bldg  
City/State/Zip Wichita, KS. 67203  
Purchaser Koch Oil Co.  
Operator Contact Person Steve Murphy  
Phone 316-262-7397  
Contractor: License # 5418  
Name Allen Drilling Company  
Wellsite Geologist Dusty Rhodes/Steve Murphy  
Phone 316-262-7397

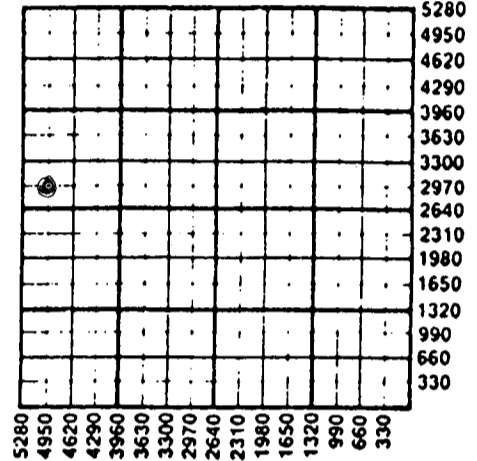
Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply etc.)  
If OWO: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
9/15/87 9/22/87 9/23/87  
Spud Date Date Reached TD Completion Date  
4000' 3956'  
Total Depth PBTD  
Amount of Surface Pipe Set and Cemented at 217' feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 1784 feet  
If alternate 2 completion, cement circulated from 1784 feet depth to Surface, 350 SX cmt  
Cement Company Name Allied  
Invoice # 50083

API NO. 15-195-21-929-00-00  
County Trego  
SW SW NW Sec. 11 Twp. 11 Rge. 23 East West  
2970 Ft North from Southeast Corner of Section  
4950 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)  
Lease Name McCall "A" Well # 1  
Field Name Unnamed Wakeeney  
Producing Formation LKC  
Elevation: Ground 2240 KB 2245

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  Repressuring  
Docket #

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.....Ft North from Southeast Corner (Stream, pond etc).....Ft West from Southeast Corner Sec Twp Rge East West  
 Other (explain).....  
(purchased from city, R.W.D. #)

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 Steven P. Murphy  
Title Geologist/Partner Date 11-13-87

Subscribed and sworn to before me this 13th day of November 1987

Notary Public Traci Grant  
Date Commission Expires January 24, 1988

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)



NOV 16 1987  
11-16-1987  
CONSERVATION DIVISION  
Wichita, Kansas

Sec. 11, Twp. 11, Rge. 23

Operator Name Source Petroleum and Jay Boy Oil Lease Name McCall "A" Well # 1

Sec. 11 Twp. 11 Rge. 23  East  West County Trego

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

See attached sheet.

Formation Description  
 Log  Sample

Name	Top	Bottom
Anhydrite	1717	( +527)
Heebner	3457	(-1212)
Toronto	3479	(-1234)
Lansing	3492	(-1247)
BKC	3718	(-1473)
Marmaton	3817	(-1572)
Arbuckle	3940	(-1695)

CASING RECORD <input type="checkbox"/> New <input checked="" 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"	20#	217	60/40 Poz	140	2%gel, 3%cc
Production	12 1/4"	5 1/2"	17#	3995'	50/50 Poz Surefill	50 125	2%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	
4	3569-3572			250 gal MCA (15%)			
4	3530-3533			250 gal MCA (15%)			
				500 gal SGA (15%)			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Size 2 7/8		Set At 3614'		Packer at			
Date of First Production	Producing Method						
10-26-87	<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		
	30 Bbls	----- MCF	90 Bbls		CFPB		

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  Sold  Other (Specify) ..... 3569-3572  
 Used on Lease  Dually Completed ..... 3530-3533  
 Commingled

15-195-21929-00-00

DRILL STEM TEST

DST #1

Interval: 3455-3505  
Recovery: 150' of Saltwater (no shows)  
Chlorides (water) - 86,000

IHP: 1719.6  
IFP: 22.4-42.6           open 45 minutes  
ISIP: 927.9               closed 45 minutes  
FFP: 74.8-96.3          open 45 minutes  
FSIP: 887.4               closed 60 minutes  
FHP: 1691.9  
BHT: 109 degree

DST #2

Interval: 3510-3555  
Recovery: 558' GIP, 30' of clean oil, 90' of mud-cut oil (70% oil, 30% mud)  
Gravity - 34 degree

IHP: 1772.7  
IFP: 48.7-57.0           open 30 minutes  
ISIP: 704.1               closed 30 minutes  
FFP: 74.6-77.7          open 45 minutes  
FSIP: 671.8               closed 45 minutes  
FHP: 1681.5  
BHT: 111 degree

DST #3

Interval: 3555-3590  
Recovery: 434' GIP, 62' of clean oil, 124' of slightly oil-cut gassy mud  
(5% oil), 372' of saltwater.  
Gravity - 34 degree      Chlorides (water) - 100,000

IHP: 1785.2  
IFP: 39.4-165.9          open 45 minutes  
ISIP: 505.1               closed 45 minutes  
FFP: 195.0-284.2        open 45 minutes  
FSIP: 503.0               closed 60 minutes  
FHP: 1724.0  
BHT: 110 degree

DST #4

Interval: 3642-3685  
Recovery: 5' of mud (no shows)

IHP: 1836.1  
IFP: 19.6-19.6           open 30 minutes  
ISIP: 23.8                closed 30 minutes  
FFP: 19.6-19.6          open 15 minutes  
FSIP: 30.0                closed 45 minutes  
FHP: 1713.6  
BHT: 113 degree

DST #5

Interval: 3680-3725  
Recovery: 10' of mud (no shows)

IHP: 1855.5  
IFP: 42.4-42.4           open 10 minutes  
ISIP: 47.7                closed 30 minutes

RECEIVED  
STATE CORPORATION COMMISSION  
11-16-1987  
NOV 16 1987

CONSERVATION DIVISION  
Wichita, Kansas

15-195-21929-00-00

FFP: 42.4-45.6           open 10 minutes  
FSIP: 48.7                closed 30 minutes  
FHP: 1829.9  
BHT: 111 degree

DST #6

Interval: 3825-3850  
Recovery: 5' of mud (show of oil in tool).

IHP: 1986.4  
IFP: 26.9-26.9           open 25 minutes  
ISIP: 474.0               closed 30 minutes  
FFP: 37.3-37.3          open 15 minutes  
FSIP: 434.6               closed 30 minutes  
FHP: 1869.2  
BHT: 116 degree

DST #7

Interval: 3935-3953  
Recovery: 1930' of muddy saltwater  
          Chlorides - 23,000

IHP: 2015  
IFP: 129-572             open 30 minutes  
ISIP: 1162               closed 30 minutes  
FFP: 679-883            open 30 minutes  
FSIP: 1194               closed 45 minutes  
FHP: 1982  
BHT: 116 degree

RECEIVED  
STATE CORPORATION COMMISSION  
11-16-1987  
NOV 16 1987  
CONSERVATION DIVISION  
Wichita Kansas