

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 # 6033  
Name Murfin Drilling Company  
Address 250 N. Water  
Suite 300  
City/State/Zip Wichita, Ks. 67202

Purchaser

Operator Contact Person Todd Aikins  
Phone 316-267-3241

Contractor: License # 6033  
Name Murfin Drilling Company

Wellsite Geologist Chuck Brewer  
Phone 316-685-9379

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  
12-22-87 12-31-87 1-1-88  
Spud Date Date Reached TD Completion Date  
3680'  
Total Depth PBDT 8-5/8" @ 261'  
Amount of Surface Pipe Set and Cemented at...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  
Cement Company Name  
Invoice #

API NO. 15-065-22,426-0000  
County Graham  
NW NW NE 18 226 21 East  
Sec Twp Rge  West

4880 Ft North from Southeast Corner of Section  
2190 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

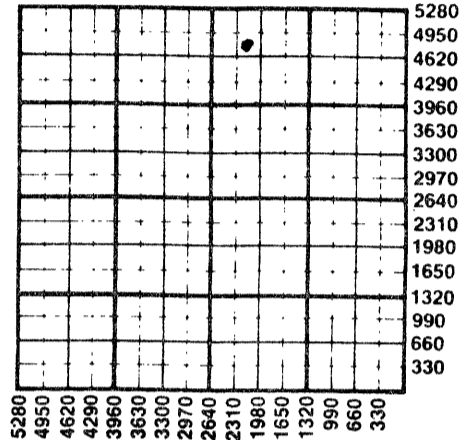
Lease Name ARY Well # 1-4

Field Name Wildcat

Producing Formation

Elevation: Ground 2242 KB 2247

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal  
Docket # Repressuring

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717

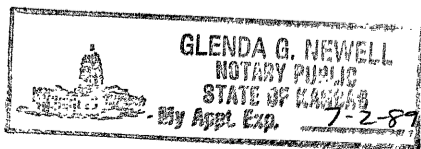
Source of Water:  
Division of Water Resources Permit #  
 Groundwater...Ft North from Southeast Corner (Well) ...Ft West from Southeast Corner of Sec Twp Rge East West  
 Surface Water...Ft North from Southeast Corner (Stream,pond etc)...Ft West from Southeast Corner Sec Twp Rge East West  
 Other (explain) Hauled (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 Todd Aikins  
Title Geologist Date 1-20-88

Subscribed and sworn to before me this 20th day of January 1988  
Notary Public Glenda G. Newell  
Date Commission Expires 7-2-89



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)

1-22-88

Sec. 4 Twp 6 Rge. 21W

SIDE TWO

Operator Name ..... Murfin Drilling Company ..... Lease Name..... ARY ..... Well #..... 1-4

Sec... 4 ..... Twp... 6S ..... 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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Formation Description <input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample
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DST #1: 3331-3355 (Oread) 30-60-60-90 Rec: 372' SW w/spks oil on top HP: 1708-1625, SIP: 1104-1062, FP: 116-137/158-180,	<table border="0"> <tr> <th>Name</th> <th>Top</th> <th>Bottom</th> </tr> <tr> <td>TOPEKA</td> <td>3184 (- 937)</td> <td></td> </tr> <tr> <td>OREAD</td> <td>3344 (-1097)</td> <td></td> </tr> <tr> <td>HEEBNER</td> <td>3385 (-1138)</td> <td></td> </tr> <tr> <td>TORONTO</td> <td>3411 (-1164)</td> <td></td> </tr> <tr> <td>LANSING</td> <td>3428 (-1181)</td> <td></td> </tr> <tr> <td>BKC</td> <td>3618 (-1371)</td> <td></td> </tr> <tr> <td>ARBUCKLE</td> <td>not present</td> <td></td> </tr> <tr> <td>REAGAN</td> <td>not present</td> <td></td> </tr> <tr> <td>GRANITE</td> <td>3658 (-1411)</td> <td></td> </tr> </table>	Name	Top	Bottom	TOPEKA	3184 (- 937)		OREAD	3344 (-1097)		HEEBNER	3385 (-1138)		TORONTO	3411 (-1164)		LANSING	3428 (-1181)		BKC	3618 (-1371)		ARBUCKLE	not present		REAGAN	not present		GRANITE	3658 (-1411)	
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DST #2: 3378-3420 (Toronto) 30-30-30-30 Rec: 10' M HP: 1770-1677, SIP: 895-811, FP: 127-127/127-127																															
DST #3: 3460 3482 (D-zone) packer failure DST #4: 3445-3482 (B & D zone) 30-60-45-90 Rec: 300' SW HP: 1854-1760, SIP: 1208-1125, FP: 158-190/211-243																															
DST #5: 3486-3515' (G-zone) 30-60-30-90 Rec: 360' MSW HP: 1885-1760, SIP: 1156-1145, FP: 137-180/233-264	DST #6: 3554-3620 (H,I,J,K,L zones) 30-30-30-30 Rec: 20' M HP: 1885-1781, FP: 137-317-137-137, SIP: 884 790																														

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#	261'	60/40	170	2% gel 3% cc
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				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production		Producing Method <input 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	
		Bbls	MCF	Bbls	CFPB		

METHOD OF COMPLETION

Production Interval

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