

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

ORIGINAL

API NO. 15- 193-20,569-000
County Thomas

100' N SE - SE - SE Sec. 32 Twp. 10S Rge. 33 X E
W

Operator: License # 30606

430' Feet from S/N (circle one) Line of Section

Name: Murfin Drilling Company, Inc.

330' Feet from E/W (circle one) Line of Section

Address 250 North Water, Suite 300

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Wichita, Ks. 67202

Lease Name CARL REIN Well # 1-32

City/State/Zip _____

Field Name Wildcat

Purchaser: _____

Producing Formation _____

Operator Contact Person: Scott Robinson

Elevation: Ground 3177 KB 3182

Phone (316) 267-3241

Total Depth 4780' PBDT _____

Contractor: Name: Murfin Drilling Co., Inc.

Amount of Surface Pipe Set and Cemented at 323' Feet

License: 30606

Multiple Stage Cementing Collar Used? Yes No

Wellsite Geologist: Todd Aikins III

If yes, show depth set _____ Feet

Designate Type of Completion
 New Well Re-Entry Workover

If Alternate II completion, cement circulated from _____

Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan AIR D
(Data must be collected from the Reserve Pit)

If Workover/Re-Entry: old well info as follows:

Operator: _____

Chloride content _____ ppm Fluid volume _____ bbls

Well Name: _____

Dewatering method used _____

Comp. Date _____ Old Total Depth _____

Location of fluid disposal if hauled offsite: _____

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBDT
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

Operator Name _____

Lease Name _____ License No. _____

8-19-91 8-27-91 8-28-91
Spud Date Date Reached TD Completion Date

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 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 geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

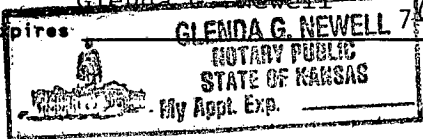
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Scott Robinson
Title Geological Manager Date 12-17-91

Subscribed and sworn to before me this 17th day of December
19 91;

Notary Public Glenda G. Newell

Date Commission Expires: 7-2-93



RECEIVED
K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
SWD/Rep _____ NGPA
Plug _____ CONSERVATION DIVISION
Other (Specify) _____
DEC 19 1991
KCC
KGS
1001
CONSERVATION DIVISION
WICHITA, KANSAS

Operator Name Murfin Drilling Company, Inc. Lease Name CARL REINS Well # 1-32

Sec. 32 Twp. 10S Rge. 33
 East
 West

County Thomas

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
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)

Log Formation (Top), Depth and Datum Sample
 Name Top Datum

See Attached for log tops

List All E.Logs Run:

Dual Induction Laterlog
 Comp Density Dual Spaced Neutron II Log
 (HALLIBURTON LOGGING SERVICES, INC.)

CASING RECORD

New 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"	23#	323'	60/40 poz	210	2% gel, 3% cp

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	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 type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj. _____ Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas:

Vented Sold Used on Lease
 (If vented, submit ACO-18.)

METHOD OF COMPLETION

Open Hole Perf. Dually Comp. Commingled
 Other (Specify) _____

Production Interval _____

Contractor: Murfin Drilling Company, Inc.
Rig #8

ORIGINAL

Operator: MURFIN DRILLING COMPANY, INC.

.CARL REIN 1-32
.THOM-SCOTT PROSPECT #2594-03
.100' N SE SE SE
.Sec. 32-10S-33W
.Thomas County, Ks.

DST #1: 4330-4360'. J zone

30-45-60-90

Tool Open 7:00 pm

IF: wk 2" blow bldg to strong off bottom of bucket in 7 min.

FF: wk 2: blow bldg to strong off bottom of bucket in 8 min.

REC: 10' CO

1377' Water w/spts oil

Chlorides 32,000 ppm, pit- 7,000 ppm

HP: 2123-2101, SIP: 1320-1320, FP: 104-276/334-647, BHT: 120°

DST #2: 4356-4420 K & L zones

30-30-30-30

IF: wk 1/2" blow

FF: wk surface blow died in 30 min

Rec: 150' Mud w/oil spts

Slight plugging action on both flow periods

HP: 2136-2095', SIP: 1182-1126, FP: 68-83/93-107, BHT: 122°

DST #3: 4580-4715'

7:00 am DST#3 - on bottom, tool opened w/wk blow, died 7 min.

30-30-30-30

IF: wk blow died in 7 min

FF: No blow, flushed tool

Rec: 55' mud w/few spots oil

HP: 2303-2272', SIP: 994-919, FP: 38-42/42-54, BHT: 123°

LOG TOPS:

TOPEKA	3860 (- 678)
HEEBNER	4088 (- 906)
LANSING	4181 (- 949)
MUNCIE CREEK	4270 (-1088)
STARK	4359 (-1177)
BKC	4423 (-1241)
MARMATON	4446 (-1264)
PAWNEE	4563 (-1381)
FT. SCOTT	4615 (-1433)
CHEROKEE	4645 (-1463)
JOHNSON ZONE	4688 (-1506)
MISSISSIPPIAN	4765 (-1583)
LTD	4779
RTD	4780

RECEIVED
STATE CORPORATION COMMISSION
12-19-91
DEC 19 1991
CONSERVATION DIVISION
WICHITA, KANSAS

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date <i>8-28-91</i>	Sec. <i>32</i>	Twp. <i>10</i>	Range <i>33</i>	Called Out	On Location	Job Start <i>10:30AM</i>	Finish <i>1:15PM</i>
Lease <i>Carl Reins</i>	Well No. <i>1-32</i>	Location <i>Monument 2N4W</i>		County <i>Thomas</i>		State <i>Ks</i>	
Contractor <i>Murfin #8</i>				Owner			
Type Job <i>Plug</i>				To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Hole Size <i>7 7/8</i>		T.D. <i>4780</i>		Charge To <i>Murfin Drilling Co Inc.</i>			
Csg.		Depth		Street <i>250 N. Water Suite 300</i>			
Tbg. Size		Depth		City <i>Wichita</i> State <i>Ks 67202</i>			
Drill Pipe		Depth		The above was done to satisfaction and supervision of owner agent or contractor.			
Tool		Depth		Purchase Order No.			
Cement Left in Csg.		Shoe Joint		X <i>[Signature]</i>			
Press Max.		Minimum		CEMENT			
Meas Line		Displace		Amount Ordered <i>200⁰⁰ 67 gal 4/16 Flowseal per s.</i>			
Perf.				Consisting of			

EQUIPMENT

Pumptrk <i>153</i>	No.	Cementer	<i>Dave Jessel</i>
		Helper	
Pumptrk	No.	Cementer	<i>Jason</i>
		Helper	
Bulktrk <i>218</i>		Driver	
		Driver	

DEPTH of Job

Reference:	<i>Dump trk clay</i>	<i>380⁰⁰</i>
	<i>2⁰⁰ per mile</i>	<i>22⁰⁰</i>
	<i>plug</i>	<i>20⁰⁰</i>
	Sub Total	
	Tax	
	Total	<i>422⁰⁰</i>

Remarks:

*25 sk @ 2680
100 @ 1780
40 @ 375
10 @ 40 w/c plug
13 Rathole, 10 mouse hole*

Common	<i>120 @ 610</i>	<i>732⁰⁰</i>
Poz. Mix	<i>80 @ 240</i>	<i>192⁰⁰</i>
Gel.	<i>8 @ 675</i>	<i>54⁰⁰</i>
Chloride		
Quickset		
Flo Seal -	<i>25k @ 25⁰⁰</i>	<i>50⁰⁰</i>
Handling	<i>100 ea</i>	<i>200⁰⁰</i>
Mileage	<i>44/SK/MILE</i>	<i>88⁰⁰</i>
	Sub Total	
	Total	<i>1316⁰⁰</i>

RECEIVED
STATE CORPORATION COMMISSION
12-19-91

CONSERVATION DIVISION
WICHITA, KANSAS