

12/20/08

Form ACO-1  
September 1999  
Form Must Be Typed

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

CONFIDENTIAL

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 30606  
Name: Murfin Drilling Company, Inc.  
Address: 250 N. Water, Suite 300  
City/State/Zip: Wichita, Kansas 67202 **KCC**  
Purchaser: \_\_\_\_\_  
Operator Contact Person: Susan Sears **DEC 20 2006**  
Phone: (316) 267-3241 **CONFIDENTIAL**  
Contractor: Name: Murfin Drilling Company, Inc.  
License: 30606  
Wellsite Geologist: Tom Funk  
Designate Type of Completion:  
 New Well     Re-Entry     Workover  
 Oil     SWD     SIOW     Temp. Abd.  
 Gas     ENHR     SIGW  
 Dry     Other (Core, WSW, Expl., Cathodic, etc)  
If Workover/Re-entry: Old Well Info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening     Re-perf.     Conv. to Enhr./SWD  
 Plug Back     Plug Back Total Depth  
 Commingled    Docket No. \_\_\_\_\_  
 Dual Completion    Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?)    Docket No. \_\_\_\_\_

<u>11/24/06</u>	<u>12/1/06</u>	<u>N/A</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

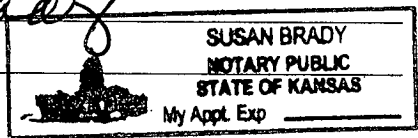
API No. 15 - 15-065-23250-0000  
County: Graham  
S2 SE SW SW Sec. 34 Twp. 6 S. R. 22  East  West  
165 S feet from S / N (circle one) Line of Section  
960 W feet from E / W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Worcester B Unit Well #: 1-34  
Field Name: Wildcat  
Producing Formation: N/A  
Elevation: Ground: 2301' Kelly Bushing: 2306'  
Total Depth: 3900' Plug Back Total Depth: N/A  
Amount of Surface Pipe Set and Cemented at 209 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan** PA NH 8-21-08  
(Data must be collected from the Reserve Pit)  
Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used \_\_\_\_\_  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 of 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: Susan Sears  
Title: Susan Sears, Operations Engineer Date: 12/20/06  
Subscribed and sworn to before me this 20th day of December, 2006.  
Notary Public: Susan Brady  
Date Commission Expires: 11-4-07



**KCC Office Use ONLY**

Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

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Operator Name: Murfin Drilling Company, Inc. Lease Name: Worcester B Unit Well #: 1-34  
 Sec. 34 Twp. 6 S. R. 22  East  West County: Graham

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  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 Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run:  <b>Dual Induction, Compensated Porosity</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum  SEE ATTACHED LIST  <div style="text-align: right; font-size: 2em; font-weight: bold; opacity: 0.5;">                     KCC                      DEC 20 2006                      CONFIDENTIAL                 </div>
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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		8 5/8		209	Common	150	3% cc, 2% gel

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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumerd Production, SWD or Enhr.			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 Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity		

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	_____

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**Worcester B Unit #1-34**

Operator: Murfin Drilling Company, Inc.  
Contractor: Murfin Drilling Company, Inc.  
Rig #3

Worcester Prospect #3204

Contact Person: Raul Brito

165' FSL 960' FWL  
Sec. 34-T6S-R22W  
Graham County, Kansas

Phone: 316-267-3241

Well site Geologist: Tom Funk

Call Depth: 2900'  
Spud: 11/24/06 @ 2:00 p.m.  
Comp: 11/30/06 P&A  
TD: 3900'

API #: 15-065-23250

Casing: 8 5/8" @ 209'

KCC

Elevation: 2301' GL  
2306' KB

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**DAILY INFORMATION:**

- 11/22/06 May MIRT this weekend. No report before Monday 11/27/06.
- 11/24/06 MIRT.
- 11/25/06 Depth 615'. Cut 615'. DT: 8 hrs (WOC). CT: none. Dev.: 1/8° @ 209'. Spud @ 2:00 p.m. 11/24/06. Ran 5 jts. = 202.70' of 8 5/8" surf. pipe, set @ 209', cemt. w/150 sx. comm., 3% cc, 2% gel, plug down @ 6:00 p.m. 11/24/06, drilled out @ 2:00 a.m. 11/25/06, circ. 3 bbls by Allied.
- 11/26/06 Depth 2500'. Cut 1885'. DT: 1 3/4 hrs. (pump). CT: none. Dev.: 1/2° @ 1144'.
- 11/27/06 Depth 3340'. Cut 840'. DT: none. CT: none. Dev.: none.
- 11/28/06 Depth 3606'. Cut 266'. DT: 1/2 hr. (pump). CT: none. Dev.: 1° @ 3606'. **DST #1 3591-3606 (LKC D zone):** 30-45-60-60. blow BOB in 2 min. sl 1/2" blow back 1<sup>st</sup> shut in. Rec. 1' HO, 1960' SW. FP: 82/597, 605/925; SIP: 978-980; HP: 1761-1690.
- 11/29/06 Depth 3685'. Cut 79'. DT: 2 3/4 hrs. CT: 16 1/2 hrs. Dev.: none. **DST #2 3613-3623' (LKC F zone):** 30-30-30-30. Rec. 15' MW. FP: 13/22, 24/32; SIP: 903-860.
- 11/30/06 RTD 3900'. Cut 215'. DT: none. CT: 14 3/4 hrs. Dev.: none. **DST #3 3649-3735' (LKC H, I, J, K zones):** 30-30-30-30. Rec. 5' M. FP: 16/21, 22/25; SIP: 504-395. Circ. for log.

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Worcester B Unit #1-34  
Daily drilling report  
Page two

12/1/06 RTD 3900'. Cut 0'. DT: none. CT: 16 ½ hrs. Dev.: 1° @ 3900'. Log Tech logged from 11:30 a.m. to 1:45 p.m. 11/30/06, LTD @ 3902'. Plugged w/60/40 poz., 6% gel as follows: 25 sx. @ 1960', 100 sx. @ 1250', 40 sx. @ 260', 10 sx. @ 40', 15 sx. in RH, 10 sx. in MH. Started @ 5:45 p.m., comp. @ 7:30 p.m. 11/30/06. Rig released @ 11:30 p.m. 11/30/06.

MDCI Worcester B Unit #1-34 165' FSL 960' FWL Sec. 34-T6S-R22W 2306' KB							Rupe Oil Company, Inc. Worcester #1 SW SE SW Sec. 34-T6S-R22W 2285' KB	
Formation	Sample tops	Datum	Ref	Log Tops	Datum	Ref	Log Tops	Datum
Anhydrite	1944	+362	+4	1944	+362	+4	1927	+358
B/Anhydrite	1976	+330	+4	1976	+329	+3	1959	+326
Topeka	3310	-1004	+1	3314	-1008	-7	3290	-1005
Heebner	3512	-1206	Flat	3514	-1208	-2	3491	-1206
Lansing	3552	-1246	+1	3555	-1249	-2	3532	-1247
Muncie Crk	3658	-1352	+2	3660	-1354	Flat	3639	-1354
BKC	3742	-1436	Flat	3744	-1438	-2	3721	-1436
Arbuckle	3892	-1586	-31	3892	-1586	-31	3840	-1555
Total Depth	3900			3902				

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Allied Cementing Co., Inc  
 P.O. Box 31  
 Russell, KS 67665

\*\*\*\*\*  
 \* I N V O I C E \*  
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Invoice Number: 105672  
 Invoice Date: 11/30/06

Sold Murfin Drilling Co.  
 To: 250 N. Water, St. #300  
 Wichita, KS  
 67202

KCC  
 DEC 20 2006  
 CONFIDENTIAL

Cust I.D.....: Murfin  
 P.O. Number...: Worcestor 1-34  
 P.O. Date.....: 11/30/06

Due Date.: 12/30/06  
 Terms.....: Net 30

Item I.D./Desc.	Qty. Used	Unit	Price	Net	TX
Common	150.00	SKS	10.6500	1597.50	T
Gel	3.00	SKS	16.6500	49.95	T
Chloride	5.00	SKS	46.6000	233.00	T
Handling	158.00	SKS	1.9000	300.20	E
Mileage	70.00	MILE	14.2200	995.40	E
158 sks @.09 per sk per mi					
Surface	1.00	JOB	815.0000	815.00	E
Mileage pmp trk	70.00	MILE	6.0000	420.00	E
Wood Plug	1.00	EACH	60.0000	60.00	T

All Prices Are Net, Payable 30 Days Following  
 Date of Invoice. 1 1/2% Charged Thereafter.  
 If Account CURRENT take Discount of 447.10  
 ONLY if paid within 30 days from Invoice Date

Subtotal:	4471.05
Tax.....:	107.69
Payments:	0.00
Total....:	4578.74

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# ALLIED CEMENTING CO., INC.

21318

SHIP TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

R

DATE <u>11-24-06</u>	SEC. <u>34</u>	TWP. <u>6</u>	RANGE <u>22 W</u>	CALLED OUT	ON LOCATION <u>5:00AM</u>	JOB START <u>5:30AM</u>	JOB FINISH <u>6:00AM</u>
Worcester LEASE <u>B</u>		WELL # <u>1-34</u>	LOCATION <u>HOLL CITY 8N 4E</u>		COUNTY <u>GRAHAM</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)			KCC				

CONTRACTOR <u>MURFIN 3</u>	OWNER <u>DEC 20 2006</u>
TYPE OF JOB <u>SURFACE</u>	CEMENT <u>CONFIDENTIAL</u>
HOLE SIZE <u>12 1/4</u>	T.D. <u>209</u>
CASING SIZE <u>8 5/8</u>	DEPTH <u>209</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>15'</u>	
PERFS.	
DISPLACEMENT <u>12 1/4 BBL</u>	

EQUIPMENT

PUMP TRUCK	CEMENTER <u>MARK</u>
# <u>409</u>	HELPER <u>ADEIAN</u>
BULK TRUCK	
# <u>345</u>	DRIVER <u>BRANDON</u>
BULK TRUCK	
#	DRIVER

REMARKS:

CEMENT CIRC

THANKS

CHARGE TO: MURFIN

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

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 is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE Keith Van Pelt

COMMON <u>150</u>	@	<u>1065</u>	<u>1597 50</u>
POZMIX	@		
GEL <u>3</u>	@	<u>1665</u>	<u>49 95</u>
CHLORIDE <u>5</u>	@	<u>4600</u>	<u>233 00</u>
ASC	@		
HANDLING <u>158</u>	@	<u>190</u>	<u>300 20</u>
MILEAGE <u>94/SK/MILE</u>			<u>995 00</u>
TOTAL			<u>3176.05</u>

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>815 00</u>
EXTRA FOOTAGE	@		
MILEAGE <u>70</u>	@	<u>6 00</u>	<u>420 00</u>
MANIFOLD	@		
TOTAL			<u>1235 00</u>

PLUG & FLOAT EQUIPMENT

<u>8 5/8 Wood</u>	@		<u>60 00</u>
	@		
	@		
	@		
TOTAL			<u>60 00</u>

TAX \_\_\_\_\_

TOTAL CHARGE \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

PRINTED NAME RECEIVED

DEC 21

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12/20/06



MURFIN  
DRILLING  
CO., INC.



CONTRACTORS AND PRODUCERS

KCC

DEC 20 2006

CONFIDENTIAL

December 20, 2006

Kansas Corporation Commission  
Conservation Division  
130 S Market, Room 2078  
Wichita, Ks 67202

Re: **Confidential Filing** : ACO-1  
API #15-065-23250-0000  
Worcester B Unit 1-34

Attn: Rick Hesterman

Dear Rick:

Please find following the above referenced confidential filing for the Worcester B Unit 1-34.  
We have requested that this information be kept confidential for a two year period.

Let me know if you need any further information on this.

Sincerely,

A handwritten signature in cursive script that reads "Sue Brady".

Sue Brady  
Production Assistant

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