

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
**WELL COMPLETION FORM**  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1  
September 1999  
Form Must Be Typed

ORIGINAL

Operator: License # 33168  
Name: WOOLSEY OPERATING COMPANY, LLC  
Address: 125 N. Market, Suite 1000  
City/State/Zip: Wichita, Kansas 67202  
Purchaser: n/a  
Operator Contact Person: Dean Pattisson, Operations Manager  
Phone: ( 316 ) 267-4379 ext 107  
Contractor: Name: Duke Drilling Co., Inc.  
License: 5929  
Wellsite Geologist: \_\_\_\_\_

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: Molz Oil Company | Flynn Oil Company (initial)

Well Name: Harbaugh 2 | Tom Humphrey 1

Original Comp. Date: 12-86 | 01-49 Original Total Depth: 5377 | 5340

☒ 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. D-28,817

<u>11/24/06</u>	<u>11/30/06</u>	<u>01/30/07</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 007-01016-00-02  
County: Barber  
C NW NW NW Sec. 13 Twp. 34 S. R. 12 ☐ East ☒ West  
330' FNL 4988 feet from S (circle one) Line of Section  
330' FWL 5010 feet from E (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner

(circle one) NE SE NW SW  
Lease Name: HARBAUGH Well #: 1 SWD  
Field Name: Rhodes South  
Producing Formation: n/a  
Elevation: Ground: 1442 Kelly Bushing: 1453  
Total Depth: 5864 Plug Back Total Depth: 5860  
Amount of Surface Pipe Set and Cemented at had existing at 415 Feet  
Multiple Stage Cementing Collar Used? ☐ Yes ☒ No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from n/a  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan OWWO - AIT I NCR  
(Data must be collected from the Reserve Pit) 1-12-09

Chloride content N/A ppm Fluid volume N/A bbls  
Dewatering method used Haul off free fluids and allow to dehydrate

Location of fluid disposal if hauled offsite:

Operator Name: OIL PRODUCERS INC  
Lease Name: MAY 13-3 License No.: 8061  
Quarter \_\_\_\_\_ Sec. 13 Twp. 35 S. R. 16 ☐ East ☒ West  
County: COMANCHE Docket No.: D- 27,726

**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: \_\_\_\_\_

Title: Dean Pattisson, Operations Manager Date: 10/05/2007

Subscribed and sworn to before me this 5<sup>th</sup> day of October

20 07

Notary Public: Debra K. Clingan

Date Commission Expires: March 27, 2010

KCC Office Use ONLY

N Letter of Confidentiality Received  
If Denied, Yes ☐ Date: \_\_\_\_\_

☒ Wireline Log Received

\_\_\_\_ Geologist Report Received

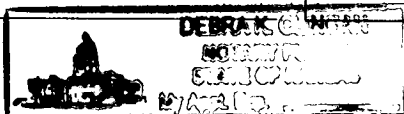
\_\_\_\_ UIC Distribution

RECEIVED

KANSAS CORPORATION COMMISSION

Copy to UIC OCT 05 2007

CONSERVATION DIVISION  
WICHITA, KS



# ENVY

Side Two

Operator Name: WOOLSEY OPERATING COMPANY, LLC Lease Name: HARBAUGH Well #: 1 SWD  
 Sec. 13 Twp. 34 S. R. 12 ☐ East ☒ West County: Barber

**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 ☐ Yes ☒ No  
 (Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☒ No

Cores Taken ☐ Yes ☒ No

Electric Log Run ☐ Yes ☒ No  
 (Submit Copy)

List All E. Logs Run:

Cement Bond

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

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	was existing	10 3/4"		415'		n/a	
Production	7 7/8"	4 1/2"	10.5# / ft	5345'	Class H	175	10% salt, 10% Gypseal, 6% Kolseal, 1/4# Celloflake, .8% fluid loss

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 (Amount and Kind of Material Used)	Depth
	5346'-5860' Open hole	Acid: 300 gal 20% MCA	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8"	5336'	n/a	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. First disposal 3/13/2007		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

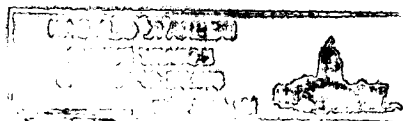
Disposition of Gas

METHOD OF COMPLETION

Production Interval

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

☒ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled  
☐ Other (Specify)



# ALLIED CEMENTING CO., INC.

Federal Tax I.D.

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

SERVICE POINT:  
26186  
med. lodge, ks.

DATE <u>12-1-06</u>	SEC. <u>13</u>	TWP. <u>34s</u>	RANGE <u>12w</u>	CALLED OUT <u>12:00 A.M.</u>	ON LOCATION <u>2:00 A.M.</u>	JOB START <u>6:30 A.M.</u>	JOB FINISH <u>9:15 A.M.</u>
LEASE <u>Harbaugh Well # SWD #1</u>				LOCATION <u>2814 Barber Co. Landfill</u>		COUNTY <u>Barber</u>	STATE <u>Ks</u>
OLD OR <u>NEW</u> (Circle one)				<u>1/2s - 3/4w</u>			

CONTRACTOR Duke #1  
TYPE OF JOB Prod. Csg.  
HOLE SIZE 7 1/8 T.D. 5864'  
CASING SIZE 4 1/2 x 10.5 DEPTH 5345'  
TUBING SIZE DEPTH  
DRILL PIPE DEPTH  
TOOL DEPTH  
PRES. MAX MINIMUM  
MEAS. LINE SHOE JOINT 42.50  
CEMENT LEFT IN CSG.  
PERFS.  
DISPLACEMENT Bbls Fresh water  
EQUIPMENT

PUMP TRUCK CEMENTER Larry Dreiling  
#360-265 HELPER Dwayne W.  
BULK TRUCK  
#364 DRIVER Thomas D.  
BULK TRUCK  
# DRIVER

## REMARKS:

Pipe on Bottom - Break Circ.  
Drop Ball and open Packer Shoe  
Pump 500gal. ASF Flush Plug  
RH + MH w/ 25sx. Cement w/  
150sx H + 10% Gyp - Seal + 10% Salt  
6# Kol - Seal + .89% FL-160 + 1/4" Flo-  
Seal. w Ash out Pump + lines.  
Release Plug. Displace 85/5 Bbls.  
Bump Plug - Release Plug Plug Held

CHARGE TO: Woolsey Petroleum  
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.

OWNER Woolsey Petroleum  
CEMENT  
AMOUNT ORDERED 500gal. ASF. 17.5sx  
17.5sx CLASS H + 10% Gyp - Seal  
109% Salt + 6# Kol - Seal + .89% FL-160  
1/4 Flo - Seal  
COMMON 175' 4" @ 12.75 2231.25  
POZMIX @  
GEL @  
CHLORIDE @  
ASC @  
Salt 19 @ 9.60 182.40  
Gyp Seal 16 @ 23.35 373.60  
ASF 500 @ 1.00 500.00  
Flo Seal 44\* @ 2.00 88.00  
Kol Seal 1050\* @ .70 735.00  
FL-160 132\* @ 10.65 1405.80  
HANDLING 235 @ 1.90 446.50  
MILEAGE 15 X 235 X .09 317.25  
TOTAL 6279.80

## SERVICE

DEPTH OF JOB 5345'  
PUMP TRUCK CHARGE 1840.00  
EXTRA FOOTAGE @  
MILEAGE 15 @ 6.00 90.00  
MANIFOLD @  
Head Rental @ 100.00 100.00  
TOTAL 2030.00

## PLUG & FLOAT EQUIPMENT

4 1/2  
1-1/2" Plug Assembly @ 325.00 325.00  
1-Packer Shoe @ 1325.00 1325.00  
8-Tubrolizers @ 55.00 440.00  
ANY APPLICABLE TAX  
WILL BE CHARGED  
UPON INVOICING  
TOTAL 2090.00

TAX  
TOTAL CHARGE  
DISCOUNT IF PAID IN 30 DAYS

SIGNATURE Allen F. Dick

Allen F. Dick  
PRINTED NAME

RECEIVED  
OCT 05 2007  
CONSERVATION DIVISION  
WICHITA, KS