

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 05163
 Name: White Hawk Oil Company
 Address: P.O. Box 3363
 City/State/Zip: Tulsa, OK 74101
 Purchaser: NA
 Operator Contact Person: Marlin Taylor
 Phone: (918) 582-1022
 Contractor: Name: Summit
 License: 30141
 Wellsite Geologist: NA
 Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW 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. D-28701

<u>5/31/06</u>	<u>6/10/06</u>	<u>6/29/06</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 113-21303-00-00
 County: McPherson
S/2 SW NE Sec. 27 Twp. 17 S. R. 1 East West
2080 3254 feet from (S) / (N) (circle one) Line of Section
1980 1875 feet from (E) / (W) (circle one) Line of Section
G.P.S. - KCC-DG
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: A. Crowther Well #: 4
 Field Name: Crowther
 Producing Formation: (Injection) Lower Arbuckle
 Elevation: Ground: 1390' Kelly Bushing: _____
 Total Depth: 3740' Plug Back Total Depth: NA
 Amount of Surface Pipe Set and Cemented at 215 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set 2469 Feet
 If Alternate II completion, cement circulated from 3740
 feet depth to surface w/ 550 sx cmt.

Drilling Fluid Management Plan
 (Data must be collected from the Reserve Pit)
 Chloride content 600 ppm Fluid volume NA bbls
 Dewatering method used Evaporation
 Location of fluid disposal if hauled offsite:
 Operator Name: None Hauled
 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: Marlin Taylor
 Title: General Manager Date: 8/22/06
 Subscribed and sworn to before me this 22nd day of August,
 19 2006
 Notary Public: Kathy Garrison
 Date Commission Expires: 8-1-07

KCC Office Use ONLY
 Letter of Confidentiality Attached
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

RECEIVED
 AUG 25 2006
 KCC WICHITA

Side Two

Operator Name: White Hawk Oil Company Lease Name: A. Crowther Well #: 4
 Sec. 27 Twp. 17 S. R. 1 East West County: McPherson

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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" 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: Gamma Ray Collar Log (no geologist used)	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">Log Name</th> <th style="text-align: left;">Formation (Top), Depth and Datum</th> <th style="text-align: left;">Sample Datum</th> </tr> <tr> <td>Arbuckle</td> <td>3390</td> <td></td> </tr> </table>	Log Name	Formation (Top), Depth and Datum	Sample Datum	Arbuckle	3390	
Log Name	Formation (Top), Depth and Datum	Sample Datum					
Arbuckle	3390						

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 pipe	12-1/4"	8-5/8"	24	215'		160	3% CaCl w/200 gals 1/4#/sk Flo_seal
Production String	7-7/8"	5-1/2"	14	3450'	60/40 Poz Thickset	50 100	6% Gel 5# KOL-Seal/sk

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	Surface to 2469' DV tool @ 2469'	60/40 Poz	400	6% Gel and 5# KOL-Seal/sk

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type	Acid, Fracture, Shot, Cement Squeeze Record	Depth
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	
	open hole completion	1500 gals 20% FE Acid	3450**
		*to total depth	

TUBING RECORD		Size	Set At	Packer At	Liner Run	
		3-1/2" Duroline**	3383'	3383'****	Yes	No
Date of First, Resumed Production, SWD or Enhr.		Producing Method				
6/29/06 SWD		Flowing		Pumping	Gas Lift	<input checked="" type="checkbox"/> Other (Explain) Injecting SW on VAC
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	
			4000/bbls/day of SW			

Disposition of Gas METHOD OF COMPLETION Production Interval 3450' to 3740' Injection Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
(If vented, Sumit ACO-18.) Other (Specify) _____

**2-7/8" Duroline tbg was installed first on completion. If did not handle the capacity needed and we installed 3-1/2" Durolin. Oil in Annulus. Greg Eves was advised of this change.

***30' jt of fiberglass tbg run on bottom of pkr. Oil was circulated in the annulus of this tail pipe. Total depth of tail pipe was 3413'.