

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

CONFIDENTIAL

ORIGINAL

Operator: License # 5192  
Name: Shawmar Oil & Gas Co., Inc.  
Address: P.O. Box 9  
City/State/Zip: Marion, KS 66861  
Purchaser: NCRA  
Operator Contact Person: James M. Cloutier  
Phone: (620) 382-2932  
Contractor: Name: KAN-DRILL, INC  
License: 32548  
Wellsite Geologist: N/a

API No. 15 - 017-20832.00.00  
County: Chase  
Sec. 18 Twp. 18 S. R. 7  East  West  
1980 feet from (S) N (circle one) Line of Section  
1980 feet from (E) W (circle one) Line of Section

Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SLOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE (SE) NW SW  
Lease Name: HARSHMAN Well #: 2-18  
Field Name: Davis  
Producing Formation: Admire Sands

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. \_\_\_\_\_

Elevation: Ground: 1260 Kelly Bushing: \_\_\_\_\_  
Total Depth: 602 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 102 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
 Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

05/14/03 05/20/03 05/29/03  
Spud Date or Date Reached TD Completion Date or Recompletion Date

Drilling Fluid Management Plan All 1 Well 7-28-03  
(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: [Signature]  
Title: President Date: July 9, 2003

Subscribed and sworn to before me this 9th day of July,  
2003

Notary Public: [Signature] CAROL MAKOVEC  
NOTARY PUBLIC  
STATE OF KANSAS  
Date Commission Expires: Mar. 1, 2004  
My Appt. Exp. 03/01/04

**KCC Office Use ONLY**

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

Operator Name: Shawmar Oil & Gas Co. Inc Lease Name: HARSHMAN Well #: 2-18  
 Sec. 18 Twp. 18 S. R. 7  East  West County: Chase

**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 (Attach Additional Sheets)  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 (Submit Copy)  List All E. Logs Run:  Dual Induction Log Dual Compensated Porosity Log Sonic Cement Bond Log	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum  Admire 369
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CASING RECORD <input type="checkbox"/> New <input checked="" 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	24	102	regular	65	180# cacl <sub>2</sub> (3%) 30# flocele 1/2 lb/sx
Longstring	6 3/4	4 1/2			thickset	75	20# flocele

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
4	371-377	natural	

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		none			
Date of First, Resumed Production, SWD or Enhr. 06/26/03			Producing Method <input checked="" 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
	0	30	0		

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Sumit ACO-18.)	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled	371-377
	<input type="checkbox"/> Other (Specify)	

**CONFIDENTIAL**  
**BLUE STAR**  
**ACID SERVICE, INC.**

PO Box 103  
 Eureka, Kansas 67045

MAY 30 2003  
 Renting Ticket  
 and Invoice Number

**ORIGINAL**  
 No. 4536

Date 5-15-03	Customer Order No.	Sec.	Twp.	Range	Truck Called Out 10:00 AM	On Location 1:00 PM	Job Began 1:30 PM	Job Completed 2:15 PM
Owner Shawmar Oil & Gas Inc.			Contractor KAN-Drill			Charge To Shawmar Oil & Gas Inc.		
Mailing Address P.O. Box 9			City MARION			State KANSAS 66861		
Well No. & Form Harshman 2-18		Place		County CHASE		State KANSAS		
Depth of Well 105	Depth of Job 102	Casing (New) (Used)	Size 8 7/8	Weight 24	Size of Hole Amt. and Kind of Cement	Cement Left in casing by	Request Necessity _____ feet	
Kind of Job SURFACE/PIPE					Drillpipe _____	(Rotary) _____	Tubing _____ (Cable) _____ Truck No. # 12	

Price Reference No. #1  
 Price of Job 425.00  
 Second Stage \_\_\_\_\_  
 Mileage 60 135.00  
 Other Charges \_\_\_\_\_  
 Total Charges 560.00

Remarks Safety Meeting, Break Circulation 5 Bbl water  
 Mix 65 sks Regular 3% CaCl2 1/2 lb Floccle  
 Displace w/ 5 Bbl water GOOD cement RETURNS to  
 SURFACE. CLOSE CASING IN. Job Complete, TMR ✓  
 DOWN.

KCC RECEIVED  
 JUL 09 2003 JUL 11 2003  
 KCC WICHITA

Cementor Russell McCoy  
 Helper Troy-Jason District Eureka State KANSAS  
 The above job was done under supervision of the owner, operator, or his agent whose signature appears below.  
 Thank you  
 Agent of contractor or operator

Sales Ticket for Materials Only

Quantity Sacks	BRAND AND TYPE	PRICE	TOTAL
65	sks Regular cement	7.75	503.75
180	lbs CaCl2	.35	63.00
30	lbs Floccle 1/2 lb per sack	1.00	30.00
Co. # 05 Vendor # V0B24 Invoice # 4536 05/03S Invoice Date 05/15/03 Due Date 06/20/03 Transaction Date 05/30/03 G/L # 71730 Lease # 76002-08 Posted Date 05/30/03			
Plugs	65 sks Handling & Dumping	.50	32.50
	3 Ton Mileage 60	.80	144.00
	Sub Total		1333.25
	Delivered by Truck No. 16	Discount	
	Delivered from Eureka	Sales Tax	83.99
	Signature of operator Russell McCoy	Total	1417.24

**CONFIDENTIAL**  
**BLUE STAR**  
**ACID SERVICE, INC.**

PO Box 103  
 Eureka, Kansas 67045

MAY 30 2003  
 Mailing Ticket  
 and Invoice Number  
**ORIGINAL**  
**Nº 4517**

Date 5-20-03	Customer Order No.	Sect. 18	Twp. 18	Range 7E	Truck Called Out	On Location 3:00 p.m.	Job Began 3:30 p.m.	Job Completed 4:15 p.m.
Owner Shawmar Oil & Gas CO, Inc		Contractor Kan-Drill			Charge To Shawmar Oil & Gas CO, Inc			
Mailing Address P.O. Box 9		City Marion			State Ks. 66861			
Well No. & Form Harshman #2-18		Place Chase			State Kansas			
Depth of Well 602'	Depth of Job 460'	Casing (New) (Used)	Size 4 1/2"	Weight	Size of Hole Amt. and Kind of Cement 6 3/4 75 SKS.	Cement Left in casing by	Request Necessity	0' feet
Kind of Job KCC Longstring					Drillpipe	Rotary	Truck No. #25	
					Tubing	Cable		

Price Reference No. \_\_\_\_\_  
 Price of Job **500.00**  
 Second Stage \_\_\_\_\_  
 Mileage **135.00**  
 Other Charges \_\_\_\_\_  
 Total Charges **635.00**

Remarks: Safety Meeting: Rig up to 4 1/2" casing, break circulation with fresh water, Mixed 75 SKS. Thickset cement w/ 1/4 lb. <sup>per SK</sup> of Flocele. Shutdown washout pump & lines. - Release Plug - Displace Plug with 7 1/2 Bbls. water, Final Pumping at 200 PSI - Bumped Plug to 800 PSI. check Flat - Flat Held - close in with 0 PSI.

NOTE: we had good circulation during cementing procedure. Good cement returns to surface, with 6 Bbls. slurry = 20 SKS.

**RECEIVED**  
 JUL 11 2003  
 KCC WICHITA

Cementer Brad Butler  
 Helper Rick - Justin District Eureka State Kansas  
 The above job was done under supervision of the owner, operator, or his agent whose signature appears below.

*John E. K...*  
 Agent of contractor or operator

"Thank you"

Sales Ticket for Materials Only

Quantity Sacks	BRAND AND TYPE	PRICE	TOTAL
75	SKS Thickset cement Co. # 05	10.75	806.25
20	lbs. Flocele 1/4 lb. <sup>per SK</sup> Vendor # V0B24	1.00	20.00
Invoice # 4517 05/03S			
Invoice Date 05/20/03			
Due Date 06/20/03			
Transaction Date 05/30/03			
G/L # 71730			
1	4 1/2" Float Shoe & Ball Type Release # 71002-05	92.50	92.50
2	4 1/2" Centralizers	26.00	52.00
1	4 1/2" Top Rubber Plug Posted Date 05/30/03	35.00	35.00
R			
Release			
Plugs	75 SKS handling & Dumping	.50	37.50
	4 Ton Mileage 60	.80	192.00
Sub Total			1870.25
Discount			
Sales Tax 6.3%			117.83
Total			1988.08

Delivered by Truck No. #22  
 Delivered from Eureka  
 Signature of operator Brad Butler

7-9-04

SHAWMAR OIL & GAS COMPANY, INC.

RECEIVED

JUL 11 2003

KCC

JUL 09 2003

July 9, 2003

**CONFIDENTIAL** KCC WICHITA

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
Conservation Division  
130 S. Market, Room 2078  
Wichita, KS 67202

Release  
AUG 2 2004  
From  
Carol J. ...

RE: Well Completion Form ACO-1  
Letter requesting confidentiality  
Harshman Lease, Well No. 2-18  
API #15-017-20832.00.00

Dear Sir or Madam:

The purpose of this letter is to request confidentiality as per side two of the ACO-1 filed with this letter for the Harshman #2-18 for the allowed 12-month period.

Enclosed are the original and two copies of said ACO-1, logs and cementing tickets, and the "CDP-4, Closure of Surface Pond.

If you have any questions, please advise.

Sincerely

  
James M. Cloutier, President

JMC/cm  
Encl.