

ORIGINAL

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

API NO. 15- 039-20285 0001  
County Decatur  
-NW -SE - NE Sec. 10 Twp. 1S Rge. 26W E

Operator: License # 30606

3580 Feet from S (circle one) Line of Section

Name: Murfin Drilling Co., Inc.

990 Feet from E (circle one) Line of Section

Address 250 N. Water, Suite 300

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

City/State/Zip Wichita, KS 67202

Lease Name Huff A Well # 3

Purchaser: NCRA

Field Name Lawson West

Operator Contact Person: Larry M. Jack

Producing Formation LKC

Phone ( ) 267-3241

Elevation: Ground 2488 KB 2496

Contractor: Name: Abercrombie Drlg.

Total Depth 3596 PBDT 3560

License: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 1727 Feet

Wellsite Geologist: None

Multiple Stage Cementing Collar Used? Yes  No

Designate Type of Completion  
 New Well  Re-Entry  Workover

If yes, show depth set \_\_\_\_\_ Feet

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

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

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

Drilling Fluid Management Plan REWORK 9/24 7-12-95  
(Data must be collected from the Reserve Pit)

Operator: W.W. Sauvage

Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls

Well Name: Huff A #3

Dewatering method used \_\_\_\_\_

Comp. Date 5/20/74 Old Total Depth 3596

Location of fluid disposal if hauled offsite: \_\_\_\_\_

TREATED WITH ACID  
 Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back \_\_\_\_\_ PBDT  
 Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Other (SWD or Inj?) Docket No. E27001

Operator Name \_\_\_\_\_

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

4/19/74 4/25/74 12/30/94

Quarter Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W

County \_\_\_\_\_ Docket No. \_\_\_\_\_

Spud Date of START of WORKOVER \_\_\_\_\_ Date Reached TD ~~XXXXXX~~ Date workover compl. \_\_\_\_\_

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 By: Larry M. Jack

Title Larry M. Jack, Prod. Mgr. Date 1/13/95

Subscribed and sworn to before me this 13 day of Jan. 19 95.

Notary Public Kerran Redington

Date Commission Expires 1/6/98

STATE CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
JAN 13 1995

KERRAN REDINGTON  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 2-6-98

K.C.C. OFFICE USE ONLY  
F \_\_\_\_\_ Letter of Confidentiality Attached  
C \_\_\_\_\_ Wireline Log Received  
C \_\_\_\_\_ Geologist Report Received  
Distribution  
\_\_\_\_\_ KCC \_\_\_\_\_ SWD/Rep \_\_\_\_\_ NGPA  
\_\_\_\_\_ KGS \_\_\_\_\_ Plug \_\_\_\_\_ Other (Specify) \_\_\_\_\_

Operator Name Murfin Drilling Co., Inc. Lease Name Huff A Well # 3  
 Sec. 10 Twp. 1S Rge. 26W  East  West  
 County Decatur

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.)  
 List All E.Logs Run:

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

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	9"	7"		1727	50/50 Poz	500	3%gel, 1%cc
Production	6 1/4"	4 1/2"	9.5#	3595	50/50 Poz	25	2%gel, 10% salt
					Common	75	12#/sxlilsonite

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
4	3466-69'; 3397-3403'; 3363-69';	500 gal. 15% DSFE PAD 3466-69'
	3280-84'; 3286-89'; 3328-32'	500 gal. 15% DSFE PAD 3397-3403'
		500 gal. 15% PAD 3363-69'
		1000 gal. 15% PAD 3280-3332'

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8	3180		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
<u>2-19-95</u>				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
			<u>260</u>	

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify)

Injection Production Interval 3280' - 3469' OA