

**COPY**

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

Operator: License # 30606Name: Murfin Drilling Co., Inc.Address 250 N. Water, Suite 300City/State/Zip Wichita, KS 67202

Purchaser: \_\_\_\_\_

Operator Contact Person: TOM W. NICHOLSPhone (316) 267 - 3241Contractor: Name: Murfin Drilling Co., Inc.License: 30606

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: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

☐ Deepening ☐ Re-perf. ☐ Conv. to Inj/SWD☐ Plug Back ☐ PBSD☐ Commingled ☐ Docket No. \_\_\_\_\_☐ Dual Completion ☐ Docket No. \_\_\_\_\_☐ Other (SWD or Inj?) ☐ Docket No. \_\_\_\_\_Spud Date 4/16/02 Date Reached TD 4/24/02 Completion Date 5/15/02

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 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 T. W. NicholsTitle Tom W. Nichols Production Manager Date \_\_\_\_\_Subscribed and sworn to before me this 28th day of May 2002.Notary Public Barbara J. DodsonDate Commission Expires 12/16/03API NO. 15-051-25128County ELLIS- NE - NE - SW Sec 24 Twp. 11S Rge. 20 W2165 Feet from SW (circle one) Line of Section2385 Feet from E(W) (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)Lease Name WESTERN STAR Well # 1-24Field Name UNKNOWN

Producing Formation \_\_\_\_\_

Elevation: Ground 1971 KB 1986Total Depth 3670 PBSDAmount of Surface Pipe Set and Cemented at 234' FeetMultiple Stage Cementing Collar Used? ☒ Yes ☐ NoIf yes, show depth set 1375.96' FeetIf Alternate II completion, cement circulated from 1375.96'feet depth to surface w/ 175 sx cmt.Drilling Fluid Management Plan Rel 11 BH 6-17-02  
(Data must be collected from the Reserve Pit)Chloride content \_\_\_\_\_ ppm Fluid volume 2500 bbls

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

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

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

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

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

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

K.C.C. OFFICE USE ONLY  
☒ Letter of Confidentiality Attached  
☒ Wireline Log Received  
☒ Geologist Report Received

Distribution  
☐ KCC ☐ SWD/Rep ☐ NGPA  
☐ KGS ☐ Plug ☐ Other (Specify)

Y90C

SIDE TWO

Operator Name Murfin Drilling Co. Inc.

Lease Name WESTERN STAR Well # 1-24Sec. 24 Twp. 11S Rge. 20 W☐ East  
☒ West

County ELLIS

**INSTRUCTIONS:** Show important tops and base of formations penetrated. 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.)

Log Formation (Top), Depth and Datums Sample

Samples Sent to Geological Survey ☒ Yes ☐ No

Name

Top

Datum

Cores Taken ☐ Yes ☒ No

SEE ATTACHED CHARTS

Electric Log Run ☒ Yes ☐ No  
(Submit Copy.)

List all E.Log MICRORESISTIVITY, DUAL INDUCTION, DUAL COMPENSATED POROSITY LOG

**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	12 1/4"	8 5/8"	24#	234	COMM	150	3%CC, 2%GEL
Production		5 1/2	15.5#	3669'	AA-2	110, 25sx in RH, MH	

## ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose: _ Perforate <input checked="" type="checkbox"/> _ Protect Csg _ Plug Back TD _ Plug Off Zone	Depth Top/Btm	Type of Cement	# Sacks Used	Type and Percent Additives
	Sur/1375.9	A-CON	175sxs	475# Calicum Chloride

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	3568-77 ARB CIBP@3550'	250GALS 15% NE, Fe	3568-77
4	3448-56 'K'	1500gals 15% NE Fe Comm. to perfs 3413-16	3448-56
4	3413-16 'J'		
4	3314-16 'C-D'	250 gals 15% NE	3314-16
4	3298-3302 'B'	250 GALS 15% ne	3298-3302

TUBING RECORD Size 2 7/8" Set At 3480.91' Packer At

Liner

☐ Yes ☒ NoDate of First, Resumed Production, SWD or Inj. 5/15/02

Producing Method

☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other

Estimated Production Per 24 Hours

Oil Bbls  
83.14 BO

Gas

Mcf

Water Bbls.  
.84BW

Gas-Oil Ratio

Gravity

Disposition of Gas:

## METHOD OF COMPLETION

Production Interval  
As above☐ Vented ☐ Sold ☐ Used on Lease ☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled