

FORM MUST BE TYPED

SIDE ONE

ORIGINAL CONFIDENTIAL
TIGHT HOLE

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

API NO. 15-023-20386
County Cheyenne
-SW -NW -SE Sec 32 Twp. 2S Rge 41 X W

Operator: License # 30606

1815 Feet from S (circle one) Line of Section

2484 Feet from E (circle one) Line of Section

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

Lease Name Culwell Unit Well # 4-32

Field Name Raile

Producing Formation Lansing/Kansas City

Elevation: Ground 3675' KB 3680'

Total Depth 5080' PBTD 3865'

Amount of Surface Pipe Set and Cemented at 351' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set Feet

If Alternate II completion, cement circulated from

feet depth to w/ sx cmt.

Drilling Fluid Management Plan AL-1 8/21/01 JB
(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.

Name: Murfin Drilling Co., Inc.

Address 250 N. Water, Suite 300

City/State/Zip Wichita, KS 67202

Purchaser:

Operator Contact Person: Larry M. Jack

Phone (316) 267-3241

Contractor: Name: Murfin Drilling Co., Inc.

License: 30606

Wellsite Geologist: Bob Stolze

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 PBTD

 Commingled Docket No.

 Dual Completion Docket No.

 Other (SWD or Inj?) Docket No.

1/17/01 1/27/01 2/9/01

Spud Date Date Reached TD Completion Date

RELEASED

APR 02 2002

FROM CONFIDENTIAL

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RECEIVED
STATE CORPORATION COMMISSION
APR 2 2002

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 Larry M. Jack
Title Larry M. Jack, Production Manager Date 2001

Subscribed and sworn to before me this 2nd day of April 2001.

Notary Public Barbara J. Dodson
Barbara J. Dodson
Date Commission Expires 12/16/03

BARBARA J. DODSON
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 12-16-03

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
E Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)
KCC
APR 02 2002

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Operator Name Murfin Drilling Co. Inc.

Lease Name Culwell Unit Well # 4-32

Sec 32 Twp 2 S Rge 41W

East
 West

County Cheyenne

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.)

Log Formation (Top), Depth and Datums Sample

Samples Sent to Geological Survey Yes No

Name Top Datum

Cores Taken Yes No

SEE ATTACHED LIST

Electric Log Run (Submit Copy.) Yes No
List all E.Log

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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 3/4"	8 5/8"	24#	351	Common	250	3% cc, 2% gel
Production		4 1/2"	10.5#	5030	Class A 60/40 Poz	250	

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose: Perforate Protect Csg. Plug Back TD Plug Off Zone	Depth Top/Btm	Type of Cement	# Sacks Used	Type and Percent Additives

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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	Depth
4	4949-51	2000GALS 15% DSFE w/Per 88	4949-51
4	4725-31	500gals 15%DSFE w/Penn88, 750gals 15%MCA acid	4725-31

TUBING RECORD Size 2-3/8 Set At 4698 Packer At Liner Yes No

Date of First, Resumed Production, SWD or Inj. <u>3/30/01</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other		
Estimated Production Per 24 Hours	Oil Bbls <u>107.6</u>	Gas Mcf <u> </u>	Water Bbls <u>32BBLs</u> Gas-Oil Ratio <u> </u> Gravity <u> </u>

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled Other (Specify)

as above

ORIGINAL

Culwell Unit #4-32
2484 FEL 1815 FSL
Sec. 32-2S-41W
Cheyenne County, Kansas

RELEASED

APR 02 2002

FROM CONFIDENTIAL

DST #1 4480-4555 LKC A zone; 30-30-30-30; IF: wk surface blow died in 14 min.; FF: no blow; Rec. 10' M; HP: 2125-2093; SIP: 104-109; FP: 18/20, 20/21; BHT: 126°.

DST #2 4548-4610 LKC D zone; 30-45-30-45; IF: wk surface blow building to 1/2" then decreasing to 1/4"; FF: no blow; Rec. 10' SL OCM (2% O, 98% M); HP: 2189-2169; SIP: 1124-1044; FP 18/22, 25/28; BHT 126°.

DST #3 4683-4745 LKC J zone; 30-45-60-90; IF: strong blow off the bottom of the bucket in 17 min.; FF: 1/2" blow building to 8"; Rec. 40' CO (34° @ 60°), 270' MGO (60% O, 20% G, 20% M), 60' HVO & GCM (25% O, 25% G, 50% M), 180' SLOCMW (3% O, 77% W, 20% M), CHL 28K PPM, RW .59 @ 28°, 550' TOTAL FLUID; HP: 2291-2236; SIP: 271-277; FP: 48/206, 211/249; BHT 142°.

DST #4 4824-4930 Marm: IF: wk surface blow packer failed 1 min into flow period, tried to reset the packer, no help; misrun. Rec. 300' M.

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RECEIVED
STATE CORPORATION COMMISSION

APR - 2 2001

CONSERVATION DIVISION
Wichita, Kansas

SWIFT SERVICES, INC.

PO BOX 466

NESS CITY, 67560-0466

KCC

APR 02 2002

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KCC ORIGINAL

Invoice

DATE	INVOICE #
1/26/01	3166

BILL TO	
Murfin Drilling Co. Inc.	RELEASED
PO Box 277	
Logan, KS 67646-0277	APR 02 2002

USED FOR *Cement pack string*
NEW WELL
 APPROVED *ST*

FROM CONFIDENTIAL

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Operator	Job Purpose
Net 30	4-32	Culwell Unit	Cheyenne		Oil	Development	Lenny	Longstring
PRICE REFERE...	DESCRIPTION				QTY	UNIT PRICE	AMOUNT	
575D	Milage				190	2.50	475.00	
578D	Pump Charge- Long String				1	1,200.00	1,200.00	
281	Mud Flush				500	0.50	250.00T	
221	Liquid KCL				2	19.00	38.00	
299	Rotating Head				1	100.00	100.00	
400-4	4 1/2" Guide Shoe				1	65.00	65.00T	
401-4	4 1/2" Insert Float with Auto Fill				1	95.00	95.00T	
410-4	Top Plug				1	35.00	35.00T	
402-4	4 1/2" Centralizers				10	30.00	300.00T	
299	E-2 Loc Clamp				1	30.00	30.00	
413-4	Roto Wall Scratchers				25	30.00	750.00T	
325	Cement				250	6.75	1,687.50T	
284	Calseal				12	25.00	300.00T	
277	Gilsonite				1,250	0.30	375.00T	
283	Salt				1,450	0.15	217.50T	
290	D-Air				100	2.75	275.00T	
285	CFR-2				100	2.75	275.00T	
581D	Service Charge Cement				250	1.00	250.00	
583D	Drayage				2,622	0.75	1,966.50	
	Subtotal						8,684.50	
	Sales Tax					4.90%	226.63	

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Thank you for your business.	Total	\$8,911.13
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