

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

Operator: License # 30606 **CONFIDENTIAL**

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. **FROM CONFIDENTIAL**

License: 30606

Wellsite Geologist: Bob Stolzle

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: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBTB
 Commingled Docket No.
 Dual Completion Docket No.
 Other (SWD or Inj?) Docket No.

3/10/01 3/20/01 3/26/01
Spud Date Date Reached TD Completion Date

CONFIDENTIAL

API NO. 15- 051-25078

County Ellis

SW -SW -SW - 5 Sec 11 Twp. S Rge 20 W

500 Feet from S/N (circle one) Line of Section

50 Feet from E/W (circle one) Line of Section

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

Lease Name Fischer Unit Well # 1-5

Field Name Mendota

Producing Formation Arbuckle

Elevation: Ground 2030 KB 2035

Total Depth 3775' PBTB

Amount of Surface Pipe Set and Cemented at 235' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 1523' Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan ALT 1 9/10/01 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 1 Sec. _____ Twp. _____ S Rng. _____ E/W

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 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 2000

Subscribed and sworn to before me this 10th day of April 2001.

Notary Public Barbara J. Dodson

Date Commission Expires 12/16/03

BARBARA J. DODSON
NOTARY PUBLIC
STATE OF KANSAS

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)

CONFIDENTIAL Form ACO-1 (7-91)

Operator Name Murfin Drilling Co. Inc.

Lease Name Fischer Unit Well # 1-5

Sec. 5 Twp. 11 S Rge. 20 W East West

County Ellis

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.Log

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

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#	235'	common	160	3%cc,2% gel
Production		5 1/2"		3771	Preimum Plus	180	

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

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	3656-58		

TUBING RECORD Size 2 7/8 Set At 3715 Packer At _____ Liner Yes No

Date of First, Resumed Production, SWD or Inj. 4/6/01 AB KCC Producing Method Flowing Pumping Gas Lift Other

Estimated Production Per 24 Hours Oil Bbls 59BO Gas Mcf _____ Water Bbls. 21BW Gas-Oil Ratio _____ Gravity _____

Disposition of Gas: **METHOD OF COMPLETION** Production Interval
 Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled as above
 (If vented, submit ACO-18.) Other (Specify)



MURFIN
DRILLING
CO., INC.



CONTRACTORS AND PRODUCERS

April 19, 2001

Kansas Corporation Commission
130 S. Market, Room 2078
Wichita, KS 67202

Re: Fischer Unit #1-5
Ellis Co., KS.

15-051-25078-00-00

Gentlemen:

Enclosed is cement verification on the production casing on the above referenced well.

Please include this with other information already sent and hold information confidential. Thank you.

Sincerely,

MURFIN DRILLING CO., INC.

By: Barbara Dodson
Engineering Technician

/bd
Enclosures

RECEIVED
STATE CORPORATION COMMISSION

APR 20 2001

CONSERVATION DIVISION
Wichita, Kansas

COPY



SALES OFFICE:
105 S. Broadway
Suite #420
Wichita KS 67202
(316) 262-3699
(316) 262-5799 FAX

SALES & SERVICE OFFICE:
10244 NE Hiway 61
P.O. Box 8613
Pratt, KS 67124-8613
(316) 672-1201
(316) 672-5383 FAX

ACIDIZING · FRACTURING · CEMENTING

Invoice 15-051-25678-00-00

Bill to:		5873197	Invoice	Invoice Date	Order	Order Date
MURFIN DRILLING			103069	3/26/01	3353	3/20/01
Box 288			Service Description			
Russell, KS 67605			Longstring			
			Lease		Well	
			Fisher Unit		1-5	
AFE	CustomerRep	Treater	Well Type	Purchase Order	Terms	
	Niel Avison	D. Scott	New Well		Net 30	

<u>ID.</u>	<u>Description</u>	<u>UOM</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Price</u>
D100	PREMIUM CEMENT	SK	180	\$12.25	\$2,205.00
D202	60/40 POZ	SK	25	\$8.25	\$206.25
C196	FLA-322	LB	126	\$7.25	\$913.50
C223	SALT (Fine)	LBS	675	\$0.35	\$236.25
C243	DEFOAMER	LB	34	\$3.00	\$102.00
C302	MUD FLUSH	GAL	500	\$0.75	\$375.00
F251	CEMENT SCRATCHERS CABLE TYPE, 5 1/2" (NDI)	EA	36	\$65.00	\$2,340.00
F101	CENTRALIZER, 5 1/2"	EA	10	\$71.00	\$710.00
F181	AUTO FILL FLOAT SHOE, 5 1/2"	EA	1	\$290.00	\$290.00
F111	BASKET, 5 1/2"	EA	2	\$205.00	\$410.00
F223	CEMENT PORT COLLAR, 5 1/2"	EA	1	\$2,700.00	\$2,700.00
F151	LATCH DOWN PLUG & BAFFLE, 5 1/2"	EA	1	\$250.00	\$250.00
F800	THREADLOCK COMPOUND KIT	EA	1	\$30.00	\$30.00
E107	CEMENT SERVICE CHARGE	SK	205	\$1.50	\$307.50
R702	CASING SWIVEL RENTAL	EA	1	\$125.00	\$125.00
R701	CEMENT HEAD RENTAL	EA	1	\$250.00	\$250.00
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	110	\$3.00	\$330.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	1048	\$1.25	\$1,310.00
R208	CASING CEMENT PUMPER, 3501-4000'	EA	1	\$1,600.00	\$1,600.00

Sub Total: \$14,690.50

Discount: \$3,965.67

Discount Sub Total: \$10,724.83

Tax Rate: 6.15% **Taxes:** \$0.00

(T) Taxable Item

Total: \$10,724.83

PLEASE REMIT TO Acid Services, LLC, Dept No 1131, Tulsa, OK 74182

Accounts become past due the last day of the month following billing. Interest rate 1.5% per month (18% per year) on past due accounts.



INVOICE NO.		Subject to Correction		FIELD ORDER 03353	
Date	3-20-01	Lease	Fisher Unit	Well #	1-5
Customer ID		County	Ellis	State	KS
Murfin Drilling Co.		Depth		Formation	
		Casing	5 1/2	Casing Depth	3775
		Shoe Joint	42.30	Job Type	Long String New We.
		Customer Representative	Weil AVISON	Treater	D. Scott

CHARGE

AFE Number	PO Number	Materials Received by	X <u>Weil Avison</u>
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Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D100	180 sks	Premium Cmt				
D902	25 sks	60/40 por				
C196	126 lb	F.A.-322				
C223	625 lbs	Salt fine				
C243	34 lbs	Defoamer				
C302	500 gal	mud flush				
E251	36 eq	Cmt Scratcher Rotating				
E101	10 eq	Turbolizer 5 1/2				
E181	1 eq	ISV Float Shoe "				
E111	2 eq	Cmt Baskets "				
E223	1 eq	Cmt Port Collar "				
E151	1 eq	LD Plug & Baffle "				
E800	1 eq	Thread lock				
E107	203 sks	Cmt Serv. Charge				
R702	1 eq	Csg Swivel 5 1/2				
R701	1 eq	Cmt Head Rental "				
E100	1 eq	UNITS 1 way MILES 110				
E104	1048 tm	TONS 1 way MILES 110				
R208	1 eq	EA. 3766 PUMP CHARGE				
Discounted Price =				10,724.83		
Plus Tax						

TREATMENT REPORT 03039



Customer ID		Date	
Customer <i>Murfin Drly Co</i>		<i>3-20-01</i>	
Lease <i>Fisher Unit</i>		Lease No.	Well # <i>1-5</i>
Field Order # <i>03353</i>	Station <i>Pratt KS</i>	Casing <i>5 1/2</i>	Depth <i>3166'</i>
County <i>Ellis</i>		State	

Type Job *long string New Well* Formation _____ Legal Description *3-11-20w*

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>5 1/2</i>	Tubing Size	Shots/Ft		Acid <i>180 sks prem</i>	RATE	PRESS <i>2500</i>	ISIP	
Depth <i>3166'</i>	Depth <i>PBTD</i>	From	To	Pre Pad <i>10% Salt, 15 Fl.</i>	<i>322</i>		5 Min.	
Volume <i>88.6</i>	Volume	From	To	Pad <i>7.11 lbs</i>			10 Min.	
Max Press <i>2000</i>	Max Press	From	To	Frac <i>35.2 SL</i>			15 Min.	
Well Connection	Annulus Vol.	From	To	Flush <i>500 gal Mud.</i>	HTP Used		Annulus Pressure	
Plug Depth	Packer Depth	From	To		Gas Volume		Total Load	

Customer Representative *Neil Arison* Station Manager *Dave Autry* Treater *D. Scott*

Service Units	<i>106</i>	<i>23</i>	<i>38</i>	<i>71</i>				
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>1600</i>					<i>On loc safety mtg Cent 1-3-5-7-9-11-13-15-17-19 Baskets 2 & 5 3rd Jt's Port Collar on Top 54th Jt Tr = 1520 Csg on Bottom Drop Ball Circ 1 hr 1/2</i>
<i>0100</i>	<i>400</i>		<i>6</i>	<i>5</i>	<i>H2O Spacer</i>
<i>0103</i>	<i>400</i>		<i>12</i>	<i>5</i>	<i>mud Flush</i>
<i>0105</i>	<i>400</i>		<i>6</i>	<i>5</i>	<i>H2O Spacer</i>
<i>0115</i>	<i>450</i>			<i>6</i>	<i>St mixing Cmt @ 16.0ppg 180 sk</i>
<i>0125</i>	<i>0</i>		<i>35.2</i>	<i>0</i>	<i>finish mixing Cmt</i>
<i>0130</i>			<i>10</i>	<i>5</i>	<i>Chose In & Wash Pump line</i>
<i>0131</i>	<i>100</i>			<i>7</i>	<i>Release Plug & St Disp w/ H2O</i>
<i>0140</i>	<i>400</i>		<i>70</i>	<i>6.5</i>	<i>lifting Cmt 68 / Bbl's Out</i>
<i>0150</i>	<i>1400</i>		<i>88.6</i>	<i>0</i>	<i>Plug Down & psi Test Csg</i>
<i>0152</i>	<i>0</i>				<i>Release psi flat well Rotated Csg Goody Pinc Job Complete Thank you Scotty</i>