

ORIGINAL

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

API NO. 15-051-25131-00-00

County ELLIS

- W/2 - SE Sec 30 Twp. 11S Rge. 17 W

1315 Feet from (S)N (circle one) Line of Section

1825' 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 HADLEY L Well # 4

Field Name BEMIS-SHUTTS

Producing Formation ARBUCKLE

Elevation: Ground 2090 KB 2095

Total Depth 3700' PBTB

Amount of Surface Pipe Set and Cemented at 234' Feet

Multiple Stage Cementing Collar Used? x Yes No

If yes, show depth set 1339' Feet

If Alternate II completion, cement circulated from surface

feet depth to 1341 w/ 150 sx cmt.

Drilling Fluid Management Plan All 11 w/ 1-25-05
(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. _____

Operator: License # 30606

Name: Murfin Drilling Co., Inc.

Address 250 N. Water, Suite 300

City/State/Zip Wichita, KS 67202

Purchaser: _____

Operator Contact Person TOM W. NICHOLS

Phone (316) 267-3241

Contractor: Name: Murfin Drilling Co., Inc.

License: 30606

Wellsite Geologist: PAUL GUNZELMAN

Designate Type of completion

x New Well _____ Re-Entry _____ Workover _____

X 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 _____ PBTB

_____ Commingled _____ Docket No. _____

_____ Dual Completion _____ Docket No. _____

_____ Other (SWD or Inj?) _____ Docket No. _____

5/2/02 5/13/02 5/28/02 8/30/02
Spud Date Date Reached TD Completion Date

POLYMER

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 [Signature]

Title Tom W. Nichols, Production Manager Date 2002

Subscribed and sworn to before me this 13th day of Sept. 2002.

Notary Public [Signature]

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

 **BARBARA J. DODSON**
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. _____

K.C.C. OFFICE USE ONLY 09-16-02
F DPW Letter of Confidentiality Attached DPW
C ✓ Wireline Log Received
C ✓ Geologist Report Received
Distribution
_____ KCC _____ SWD/Rep _____ NGPA
_____ KGS _____ Plug _____ Other (Specify)

SIDE TWO

Operator Name Murfin Drilling Co. Inc.

Lease Name HADLEY L Well # 4

Sec. 30 Twp. 11S Rge. 17 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 Log Formation (Top), Depth and Datums Sample
 (Attach Additional Sheets.) Name Top Datum

Samples Sent to Geological Survey Yes No

Cores Taken Yes No SEE ATTACHED LIST

Electric Log Run Yes No
 (Submit Copy.)
 List all E.Log Dual Comp Porosity, Dual Induction, Mircorestivity

CASING RECORD <u> </u> New <u> </u> 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	160	3%CC 2%GEL
Production	7 7/8	5 1/2"	15.5#	3702'	AA-2	135	

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top/Btm	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Csg <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	Sur/1339	A-con	150	3%cc

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	3623-26	250gals, 15% MCA	3623-26
4	3576-3580	250 gals 15% NEFE acid	3576-3580

TUBING RECORD Size 2 7/8" Set At 3544.14 Packer At Liner Yes No

Date of First, Resumed Production, SWD or Inj. 9/6/02 Producing Method Flowing Pumping Gas Lift Other

Estimated Production Per 24 Hours Oil 21.60 Bbls BO Gas Mcf Water 218.40 Bbls Gravity

Disposition of Gas: **METHOD OF COMPLETION** Production Interval as above

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



RECEIVED

JUN 04 2002

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

Bill to:			5873197	Invoice	Invoice Date	Order	Order Date
MURFIN DRILLING Box 288 Russell, KS 67605				205093	5/30/02	4877	5/28/02
Service Description							
Cement							
Lease						Well	
Hadley						4	
AFE	CustomerRep	Treater	Well Type	Purchase Order	Terms		
	Mike Stanton	K Gordley	New Well		Net 30		

<u>ID.</u>	<u>Description</u>	<u>UOM</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Price</u>
D201	A-CON BLEND (COMMON)	SK	150	\$13.00	\$1,950.00
C310	CALCIUM CHLORIDE	LBS	480	\$0.75	\$360.00
E107	CEMENT SERVICE CHARGE	SK	170	\$1.50	\$255.00
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	120	\$3.00	\$360.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	960	\$1.25	\$1,200.00
R400	CEMENT PUMPER, PLUG & ABANDON (Workover Unit)	EA	1	\$650.00	\$650.00

Sub Total: \$4,775.00

Discount: \$1,910.00

Discount Sub Total: \$2,865.00

Tax Rate: 5.90% **Taxes:** \$0.00

Total: \$2,865.00

RECEIVED

SEP 16 2002 (T) Taxable Item

KCC WICHITA

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.



TREATMENT REPORT

Customer ID		Date	
Customer <i>MURPHY</i>		<i>5-28-02</i>	
Lease <i>HADLEY "L"</i>		Lease No.	Well # <i>4</i>
Field Order # <i>4877</i>	Station <i>PRATT, KS</i>	Casing <i>5 1/2</i>	Depth
Type Job <i>CEMENT PORT COLLAR NEW WELL</i>	Formation	County <i>ELLIS</i>	State <i>KS</i>
		Legal Description <i>30-11-17</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>5 1/2</i>	Tubing Size <i>2 7/8</i>	Shot <i>PORT COLLAR</i>		Acid <i>170SK A-CON</i>		RATE	PRESS	ISIP
Depth	Depth	From <i>1341</i>	To	Size Red <i>3% C.C.</i>		Max		5 Min.
Volume	Volume	From	To	Pad		Min		10 Min.
Max Press	Max Press	From	To	Frac		Avg		15 Min.
Well Connection	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush		Gas Volume		Total Load

Customer Representative <i>MIKE STANTON</i>	Station Manager <i>D. AUSTRY</i>	Treater <i>K. GORDLEY</i>		
Service Units	<i>107</i>	<i>26</i>	<i>24</i>	<i>70</i>

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>0930</i>					<i>RECEIVED</i>
					<i>SEP 16 2002</i>
<i>0943</i>	<i>1000</i>				<i>KCC WICHITA</i>
					<i>PSE TEST CASING</i>
					<i>OPEN P.C.</i>
<i>1015</i>		<i>1000</i>	<i>6</i>	<i>2</i>	<i>BREAK CIRC.</i>
		<i>100</i>	<i>0</i>	<i>3</i>	<i>MIX CEMENT</i>
					<i>150 SK. A-CON 3% C.C.</i>
		<i>300</i>	<i>85</i>	<i>3</i>	<i>FINISH MIX CEMENT</i>
			<i>0</i>	<i>3</i>	<i>START DESP</i>
<i>1040</i>		<i>400</i>	<i>7</i>	<i>3</i>	<i>FINISH DESP</i>
		<i>400</i>			<i>CLOSE P.C.</i>
<i>1048</i>	<i>1000</i>				<i>PSE TEST</i>
					<i>RUN 5 ITS TBG.</i>
<i>1105</i>	<i>200</i>		<i>15</i>	<i>2</i>	<i>REVERSE OUT - 2 FRAGS</i>
					<i>RUN TBONG</i>
					<i>CIRC. LOTS OF CEMENT</i>
<i>1130</i>					<i>JOB COMPLETE</i>
					<i>Thanks - Kevin</i>

10244 NE Hiway 61 • P.O. Box 8613 • Pratt, KS 67124-8613 • Phone (620) 672-1201 • Fax (620) 672-5383

ALLIED CEMENTING CO., INC.

P.O. BOX 31
 RUSSELL, KS 67665
 PH (785) 483-3887
 FAX (785) 483-5566
 FEDERAL TAX ID# [REDACTED]

6-6-02

 * INVOICE *

Invoice Number: 087110

Invoice Date: 05/09/02

Sold Murfin Drilling Co.
 To: 250 N. Water, St. #300
 Wichita, KS
 67202

RECEIVED
 SEP 16 2002
 KCC WICHITA

Due Date.: 06/08/02
 Terms.....: Net 30

Cust I.D.....: Murfin
 P.O. Number...: Hadley L-4
 P.O. Date.....: 05/09/02

Item I.D./Desc.	Qty. Used	Unit	Price	Net	TX
Common	160.00	SKS	6.6500	1064.00	E
Gel	3.00	SKS	10.0000	30.00	E
Chloride	5.00	SKS	30.0000	150.00	E
Handling	160.00	SKS	1.1000	176.00	E
Mileage (20)	20.00	MILE	6.4000	128.00	E
160 sks @\$.04 per sk per mi					
Surface	1.00	JOB	520.0000	520.00	E
Mileage pmp trk	20.00	MILE	3.0000	60.00	E
Plug	1.00	EACH	45.0000	45.00	E

All Prices Are Net, Payable 30 Days Following Subtotal: 2173.00
 Date of Invoice: 1-1/2% Charged Thereafter. Tax.....: 0.00
 If Account CURRENT take Discount of \$ 217.30 Payments: 0.00
 ONLY if paid within 30 days from Invoice Date Total....: 2173.00

217.30

1955.70

Account	Unit Rig	W L	No.	Amount	Description
03600	016	W	1401	2173.00 (217.30)	Cement S. Co.

ALLIED CEMENTING CO., INC.

10617

Federal Tax I.D.# [REDACTED]

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
K

DATE <u>5-2-02</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START <u>6:30 pm</u>	JOB FINISH <u>7:00 pm</u>
LEASE <u>Hadley</u>	WELL# <u>L-4</u>	LOCATION <u>Jordan 11N 1W 1N</u>			COUNTY <u>Ellis</u>	STATE <u>Ks</u>	
OLD OR NEW (Circle one)							

CONTRACTOR <u>Mumfin 16</u>	OWNER
TYPE OF JOB <u>Surface</u>	CEMENT
HOLE SIZE <u>17 1/4</u> T.D. <u>235</u>	AMOUNT ORDERED <u>160 Com 37cc 28 gal</u>
CASING SIZE <u>8 5/8</u> DEPTH <u>235</u>	
TUBING SIZE DEPTH	
DRILL PIPE DEPTH	
TOOL DEPTH	
PRES. MAX MINIMUM	COMMON <u>160</u> @ <u>6.95</u> <u>1064.00</u>
MEAS. LINE SHOE JOINT	POZMIX @
CEMENT LEFT IN CSG. <u>10-15"</u>	GEL <u>3</u> @ <u>10.00</u> <u>30.00</u>
PERFS.	CHLORIDE <u>5</u> @ <u>30.00</u> <u>150.00</u>
DISPLACEMENT <u>14 bbl</u>	
EQUIPMENT	
PUMP TRUCK CEMENTER <u>Mark</u>	HANDLING <u>160</u> @ <u>1.40</u> <u>224.00</u>
# <u>346</u> HELPER <u>Joe</u>	MILEAGE <u>44.5</u> / mile <u>128.00</u>
BULK TRUCK	TOTAL <u>1548.00</u>
# <u>282</u> DRIVER <u>Allen</u>	
BULK TRUCK	
# DRIVER	

RECEIVED
OCT 16 2002
KCC WICHITA

REMARKS:

SERVICE

<u>Cement Cure</u>	DEPTH OF JOB
	PUMP TRUCK CHARGE <u>520.00</u>
	EXTRA FOOTAGE @
	MILEAGE <u>20</u> @ <u>3.00</u> <u>60.00</u>
	PLUG <u>8 5/8 wood</u> @ <u>45.00</u>
	TOTAL <u>625.00</u>

CHARGE TO: Mumfin
STREET _____
CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX _____
TOTAL CHARGE _____
DISCOUNT _____ IF PAID IN 30 DAYS
SIGNATURE Bill Wynn PRINTED NAME Bill Wynn

THANKS



RECEIVED

MAY 20 2002

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

Bill to: MURFIN DRILLING Box 288 Russell, KS 67605	5873197	Invoice	Invoice Date	Order	Order Date
		205047	5/15/02	4767	5/12/02
	Service Description				
	Cement				
		Lease		Well	
		Hadley L		4	
AFE	CustomerRep	Treater	Well Type	Purchase Order	Terms
	Niel	T. Seba	New Well		Net 30

<u>ID.</u>	<u>Description</u>	<u>UOM</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Price</u>
D205	AA2 (COMMON)	SK	135	\$13.06	\$1,763.10
D203	60/40 POZ (COMMON)	SK	25	\$7.75	\$193.75
C196	FLA-322	LB	102	\$7.25	\$739.50
C243	DEFOAMER	LB	26	\$3.00	\$78.00
C223	SALT (Fine)	LBS	762	\$0.35	\$266.70
C302	MUD FLUSH	GAL	500	\$0.75	\$375.00
F252	ROTATING SCRATCHERS	EA	25	\$56.00	\$1,400.00
F101	CENTRALIZER, 5 1/2"	EA	10	\$71.00	\$710.00
F201	FLAPPER TYPE INSERT FLOAT VALVES, 5 1/2"	EA	1	\$165.00	\$165.00
F161	GUIDE SHOE-REGULAR, 5 1/2"	EA	1	\$185.00	\$185.00
F111	BASKET, 5 1/2"	EA	2	\$205.00	\$410.00
F223	CEMENT PORT COLLAR, 5 1/2"	EA	1	\$3,000.00	\$3,000.00
F131	TOP RUBBER CEMENT PLUG, 5 1/2"	EA	1	\$70.00	\$70.00
R701	CEMENT HEAD RENTAL	EA	1	\$250.00	\$250.00
R702	CASING SWIVEL RENTAL	EA	1	\$125.00	\$125.00
E107	CEMENT SERVICE CHARGE	SK	160	\$1.50	\$240.00
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	120	\$3.00	\$360.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	906	\$1.25	\$1,132.50
R208	CASING CEMENT PUMPER, 3501-4000'	EA	1	\$1,600.00	\$1,600.00

RECEIVED
 SEP 16 2002
 KCC WICHITA

Sub Total: \$13,063.55

Discount: \$5,225.42

Discount Sub Total: \$7,838.13

Tax Rate: 5.90% **Taxes:** \$0.00

(T) Taxable Item

Total: \$7,838.13

PROO.
 CSG

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.	
Date	5-12-02
Customer ID	

Subject to Correction

FIELD ORDER

1947

Lease	HAOLEY "L"	Well #	4	Legal	30-115-17W
Country	ELLIS	State	Ks	Station	PRATT
Depth		Formation		Shoe Joint	21.20 ISPV
Casing	5 1/2	Casing Depth	3702'	TD	3700'
Customer Representative	NEIL	Treater	T. SEBA	Job Type	5 1/2 L.S. NEW WELL

CHARGE

MURFIN DRILLING Co.

AFE Number	PO Number
------------	-----------

Materials Received by **X** Thanks Diane Ar

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D-205	135 SKS	AA-2	✓			
D-203	25 SKU	60/40 P02	✓			
C-196	102 lbs	FLA-322	✓			
C-243	26 lbs	DEFOAMER	✓			
C-223	762 lbs	SALT	✓			
C-302	500 GAL	MUD PUSHER	✓			
E-252	25 EA	ROTATING SCRATCHER 5/2	✓			RECEIVED SEP 16 2002
F-101	10 EA	TURBOSIZER "	✓			KCC WICHITA
F-201	1 EA	INSERT FLOAT VALVE "	✓			
F-161	1 EA	GUIDE SHOE "	✓			
F-111	2 EA	CUT BASKET "	✓			
F-223	1 EA	PORT COLLAR "	✓			
F-131	1 EA	TOP RUBBER PLUG "	✓			
R-701	1 EA	CEMENT HEAD RENTAL				
R-702	1 EA	CASING SWIVEL RENTAL				
E-107	160 SKS	CEMENT SERV. CHARGE				
E-100	120 MI	UNITS 1 way MILES				
E-104	906 TM	TONS MILES				
R-208	1 EA	EA. 3702' PUMP CHARGE				
		DISCOUNTED PRICE =		7,838.13		
		+ TAXES				

10244 NE Hiway 61 · P.O. Box 8613 · Pratt, KS 67124-8613 · Phone (620) 672-1201 · Fax (620) 672-5383

TOTAL



TREATMENT REPORT

Customer ID		Date	
Customer MURFIN DRIG. Co.		5-12-02	
Lease HADLEY 'L'		Lease No.	Well # 4

Field Order # 4767	Station PRATT	Casing 5 1/2	Depth 3702'	County ELLIS	State KS
Type Job STILLS. NEW WELL			Formation	Legal Description 30-11S-17W	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 5 1/2	Tubing Size	Shots/Ft		Acid 735 SKS AA-2		RATE	PRESS	ISIP
Depth 3702.	Depth	From	To	Pre Pad 15' 1.43 ft³		Max		5 Min.
Volume	Volume	From	To	Pad 25 SKS 60/40 P02		Min		10 Min.
Max Press	Max Press	From	To	Frac R: M HOLES		Avg		15 Min.
Well Connection	Annulus Vol.	From	To	Flush H₂O A.F H₂O		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	5BB's 12 BBL's 5BB's		Gas Volume		Total Load

Customer Representative NEIL	Station Manager D. ATRY	Treater T. SEBA
--	-----------------------------------	---------------------------

Service Units	114	26	36	72				
---------------	------------	-----------	-----------	-----------	--	--	--	--

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
7:00					CALLED OUT
13:00					RECEIVED ON LOC W/ TEL'S & P.E
					RUN 83 ST'S 5 1/2 IS.S'/CSG
					G.S. ISPV 1ST = 21.20 CENT 1-3-5-7-9-11-13-15
					CENT ON TOP 52' 54 PC TOP 53 = 1340'
					CMT BSKT'S TOP 24-51 SENSORS 3690-3496.
15:40					CSG ON BOTTOM: Deep Ball 3316-3321
15:50					Hook up TO CSG & Break CIRC W/ RTG & ROTATE
16:55	200			6	START PREFLUSHES
			5		110
			12		MUD PUSHT
			5		H ₂ O
					START MIX & PUMP 135 SKS AA-2
			31.38		FINISHED MIX
			10		SHUT DOWN RELEASE PLUG & CLEAR PUMP/LOGS
17:17	100			7	START DISP
	500		70	5	LEFT CMT
17:37	1400		87.6	2	PLUG DOWN
					PLUG R: M HOLES 25 SKS 60/40 P02
					JOB COMPLETE THANKS TOO

10244 NE Hiway 61 • P.O. Box 8613 • Pratt, KS 67124-8613 • Phone (620) 672-1201 • Fax (620) 672-5383