

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

API NO. 15- 171-20423-000 ORIGINAL

County Scott

C N/2 NE NW Sec. 22 Twp. 19S Rge. 34W

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

1980 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 Farr Well # 1

Field Name Lehman NE

Producing Formation Morrow

Elevation: Ground 3072 KB 3081

Total Depth 4950 PBDT 4905

Amount of Surface Pipe Set and Cemented at 268 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 1520 Feet

If Alternate II completion, cement circulated from 1520

feet-depth to 250 w/ 300 sx cnt.

Drilling Fluid Management Plan ALT 2 5-17-93
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

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./Jim Farr

Address 250 N. Water, Suite 300

City/State/Zip Wichita, KS 67202

Purchaser: unknown

Operator Contact Person: Larry M. Jack

Phone () 267-3241

Contractor: Name: Murfin Drilling Co., Inc.

License: 30606

Wellsite Geologist: unknown

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 _____ PBDT

Commingled _____ Docket No. _____

Dual Completion _____ Docket No. _____

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

2/4/91 2/15/91 3/8/91

Spud Date Date Reached TD Completion Date

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 and belief.

Signature By: Larry M. Jack

Title Larry M. Jack, Prod. Mgr. Date 7/22/92

Subscribed and sworn to before me this 22 day of July

19 92.

Notary Public Kerran Redington

Kerran Redington

Date Commission Expires 2/6/94

KERRAN REDINGTON
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 2-6-94

RECEIVED
STATE CORPORATION COMMISSION
JUL 23 1992
K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Line Log Received
 Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)
Form ACO-1 (7-91)

PI

Operator Name Murfin Drilling Co., Inc./Jim Farr

Lease Name Farr

Well # 1

Sec. 22 Twp. 19S Rge. 34W

East
 West

County Scott

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: Temp. Survey/DCPL

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Heebner	3959 (- 878)	
Toronto	3970 (- 889)	
LKC	4904 (- 923)	
BKC	4437 (-1356)	
Marmaton	4466 (-1385)	
Ft. Scott	4553 (-1472)	
Cherokee	4598 (-1517)	
Morrow	4767 (-1686)	
MISS	4844 (-1763)	

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#	268	60/40 Poz	160	
Production	7 7/8	5 1/2	15.5#	4948	50/50 Poz	175	2% gel, 10% salt, 10#/sx gilsohite
			DV tool	1520	Lite Wt	300	10#/sx gilsohite

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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	4794-98	n/a	
4	4803-05		

TUBING RECORD Size 2 7/8 Set At 4777 Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SWD, or Inj. 3/8/92 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	120				

Disposition of Gas:

Vented Sold Used on Lease
(If vented, submit ACO-18.)

METHOD OF COMPLETION

Open Hole Perf. Dually Comp. Commingled
 Other (Specify) _____

Production Interval

as above

Attachment to ACO-1 Well Completion Report
Farr #1
Scott County, KS
7/22/92

15-171-20423-00-00

ORIGINAL

- DST #1: 4296-4350', 15-15-15-15, rec 130' MW, 720' SW. HP 1961, 'FP' 107-221,
ISI 1163, FF 294-368, FSI 1153, FHP 1961.
- DST #2: 4460-4500', 20-30-30-45, rec. 80' SWGM, show:oil, 60' MW, 210' SW.
HP 2048, IF 76-117, ISI 220, FFP 159-179, FSI 223, FHP 2031.
- DST #3: 4550-4595', 20-27-30-42, rec. 20' SOCM, 60' MW, 750' SW. HP 2116, IF 105-189,
ISI 1098, FF 262-364, FSI 1096, FHP 2082.
- DST #4: 4754-4800', 15-30-15-45, rec. 1635' CGO, 1808' OCM (24% oil, 76% mud).
HP 2233, IF 385-477, ISI 1084, FFP 629-671, FSI 1102, FHP 2195.

RECEIVED
STATE CORPORATION COMMISSION

JUL 23 1992

CONSERVATION DIVISION
Wichita, Kansas

483-2627, Russell, Kansas

316-793-5861, Great Bend, Kansas

ORIGINAL

Phone Plainville 913-434-2812

Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC. N^o 9133

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	2-4-91	Sec.	22	Twp.	19	Range	34	Called Out	7:30 PM	On Location	9:30 PM	Job Start	10:45 PM	Finish	11:15 PM	
Lease	FARR		Well No.	1		Location			Scott City 9W E S 1/4 E			County	Scott		State	KS

Contractor	Murtin	
Type Job	surface	
Hole Size	12 1/4	T.D. 268'
Csg.	8 5/8	Depth 267.82'
Tbg. Size		Depth
Drill Pipe		Depth
Tool		Depth
Cement Left in Csg.	15'	Shoe Joint
Press Max.		Minimum
Meas Line		Displace 16,079
Perf.		

Owner *SAME*

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 listed.

Charge To *Murtin Drilling Co. Inc.*

Street *250 N. Water Suite 300*

City *Wichita* State *Ks* *67202*

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. *Rodney Farr*

CEMENT

Amount Ordered *160 5/8 60/40 2% gel 3%*

EQUIPMENT

Pumptrk	No.	Cementer	<i>Kris</i>
	<i>46</i>	Helper	<i>John</i>
Pumptrk	No.	Cementer	
		Helper	
Bulktrk		Driver	<i>Bob</i>
	<i>116</i>	Driver	

Consisting of			
Common	<i>96</i>	<i>5.25</i>	<i>504.0</i>
Poz. Mix	<i>64</i>	<i>2.25</i>	<i>144.0</i>
Gel.	<i>3</i>	<i>6.75</i>	<i>NIC</i>
Chloride	<i>5</i>	<i>21.00</i>	<i>105.0</i>
Quickset			

Sales Tax		
Handling	<i>160</i>	<i>1.00</i>
Mileage	<i>70</i>	<i>448.0</i>
Sub Total		
Total		<i>1361.0</i>

DEPTH of Job

Reference:	<i>pumptrk chg -</i>	<i>380.00</i>
	<i>70 m. lease</i>	<i>140.00</i>
	<i>1 8 5/8 TWP</i>	<i>42.00</i>
	Sub Total	
	Tax	
	Total	<i>562.00</i>

Floating Equipment

RECEIVED *TOTAL \$ 1923.00*

DISC - *384.60*

\$ 1538.40

JUL 23 1992

Remarks: *Cement did work*

Allied Cementing
By: Kris K...

CONSERVATION DIVISION
Wichita, Kansas

Thank you!



Charge out on Delq invoice

ORIGINAL

CUSTOMER

INVOICE DATE
02/14/91

DIRECT BILLING INQUIRIES TO: 713-835-5821	TERMS: NET AMOUNT DUE 30 DAYS FROM DATE OF INVOICE	REMIT TO: B.J. SERVICES P.O. BOX 100886 HOUSTON, TX 77212
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PAGE 1	INVOICE NO. 610089
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AUTHORIZED BY: 610089

PURCH ORDER REF. NO. N/A

MURFIN DRILLING
BOX 661
COLBY KS 67701

Comp
DL M

WELL NUMBER : 1 CUSTOMER NUMBER : 2579 - 0

LEASE NAME AND NUMBER	STATE	COUNTY/PARISH	CITY	DISTRICT NAME	DISTR. NO.
REP	14	1449		Oakley	585
JOB LOCATION/FIELD	MTA DISTRICT	DATE OF JOB	TYPE OF SERVICE		
PHRAN WE		02/14/91	LAND-LONG STRING/PRODUCT		

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
10100320	1.00	CEMENT CASING 4,501 TO 5,000 FEET	1,260.00		1,260.00
10101501	1.00	ADD STAGES, CONTINUOUS OR INTERMITT	950.00		950.00
10107891	1.00	Fuel Surcharge	285.00		285.00
10109005	40.00	MILEAGE CHRG. FROM NEAREST BASE OF	2.35		94.00
10409600	1.00	BAKER LOC	22.90	GAL	22.90
10409600	10.00	ROTATING SCRATCHERS (8)	27.25	GAL	272.50
10409600	10.00	5-1/2 CENTRALIZERS (8)	46.75	GAL	467.50
10409600	2.00	5-1/2 GASKETS (8)	140.00	GAL	280.00
10409600	1.00	5-1/2 DV (8)	3,135.00	GAL	3,135.00
10409600	1.00	5-1/2 LOC RING (8)	16.65	GAL	16.65
10409600	1.00	5-1/2 INSERT (8)	188.00	GAL	188.00
10409600	1.00	5-1/2 GUIDE SHOE (8)	124.00	GAL	124.00

RECEIVED
STATE CORPORATION COMMISSION

JUL 23 1992

CONSERVATION DIVISION
Wichita, Kansas

ACCOUNT

TAX EXEMPTION STATUS:



ORIGINAL

CUSTOMER

INVOICE DATE

02/14/91

DIRECT BILLING INQUIRIES TO: 713-896-8821	TERMS: NET AMOUNT DUE 30 DAYS FROM DATE OF INVOICE	REMIT TO: P.J. SERVICES P.O. BOX 100806 HOUSTON, TX 77212
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PAGE: 2	INVOICE NO: 610089
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AUTHORIZED BY: 610089

PURCH ORDER REF NO: N/A

MURFIN DRILLING

BOX 661
COLBY MS 67701

WELL NUMBER : 1 CUSTOMER NUMBER : 2579 - 0

LEASE NAME/AND NUMBER: FARR	STATE: 14	COUNTY/PARISH: 1400	CITY: Cakley	DISTRICT NAME: 585	DISTR NO: 585
JOB LOCATION/FIELD: ERMAN NE	MTA DISTRICT:	DATE OF JOB: 02/14/91	TYPE OF SERVICE: LAND-LONG STRING/PRODUCT		

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
10410504	341.00	CLASS "A" CEMENT	6.75	BT	2,301.75
10415016	234.00	FLY ASH	3.62	BT	847.08
10415038	1450.00	A-5 SALT	0.11	LB	159.50
10415082	5250.00	KOL SEAL	0.33	LB	1,732.50
10420145	2200.00	BJ-TITAN GEL, BENTONITE BULK SALE	0.14	LB	308.00
10422540	58.00	FL-50	7.50	LB	435.00
10425010	250.00	MUD-SWEEP, WITH BJ-TITAN PUMPING E	1.65	GAL	412.50
10980001	575.00	MIXING SERVICE CHRG DRY MATERIALS,	1.10		632.50
10982505	1.00	ROTATING HEAD, WHEN USED WITH BJ-T	190.00		190.00
10947101	1168.00	DRAYAGE, PER TON MILE	0.75		876.00
RECEIVED STATE CORPORATION COMMISSION JUL 23 1992 CONSERVATION DIVISION Wichita, Kansas					14,996.34 3,302.94 82.99 352.71

ACCOUNT:	1.0000% SCOTT	6,298.84	82.99
	4.2500% MS-NEW WELL	6,298.84	352.71

TAX EXEMPTION STATUS: PAY THIS AMOUNT 12,123.10