

Operator Name Murfin Drilling Co., Inc. Lease Name Foster Well # 22-1

Sec. 22 Twp. 23 Rge. 8 East West County Reno

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:

See Attached

Log Formation (Top), Depth and Datum Sample
 Name Top Datum

See Attached

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 1/2"	8-5/8"	25#	264'	60/40poz	360+ 1"-50	2% gel 3% cd.
Production	7-7/8"	5 1/2"	15.5#	3785'	Class A	150	10% salt 3/4% Hala

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	3640-48'	2000 gal. 15% HCS	3640-48'

TUBING RECORD Size 2 7/8 Set At 3703 Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 1/31/92 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil 16.7 Bbls. Gas - Mcf Water 160 Bbls. Gas-Oil Ratio _____ Gravity _____

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

ORIGINAL FEB 02

Supplement to ACO-1 CONFIDENTIAL

RELEASED

API# 15-155-21,185

2 0 1003

FOSTER 22-1

NE NE NE

Sec. 22-23S-8W

Reno County, Ks.

FROM CONFIDENTIAL

E-Logs Ran:

Dual Induction Laterolog

Comp Neutron/Comp Density

DST #1: 3400-3447 (LKC K zone)

30-30-30-30

IF: wk 3/4" surface Blow died in 20 min.

FF: No Blow

Rec: 10' Mud w/spots of oil on top of tool

HP: 1671-1641, SIP: 355-101, FP: 60-50/50-50, BHT: 110°

DST #2: 3636-3655' (Miss)

45-60-90-120

IF: strong blow off bottom of bucket in 2 min.

FF: strong blow GTS immediately

Rec: 1907' GIP

124' G&OCM (5% G, 10% O, 85% M)

186' GMO (20% G, 50% O, 30% M)

248' GCMO (20% G, 40% O, 40% M)

930' G&OCW (5% G, 5% O, 90% W)

1488' Total Fluid

HP: 1782-1701, SIP: 1216-1226', FP: 121-304/386-670, BHT: 120°

LOG TOPS:

HEEBNER SHALE	2926 (-1290)
STARK SHALE	3404 (-1768)
HUSHPUCKNEY SHALE	3444 (-1808)
BKC	3505 (-1869)
CHEROKEE SHALE	3596 (-1960)
MISS UNC	3633 (-1997)
"B"	3633 (-1997)
"P"	3656 (-2020)
B/LM	3710 (-2074)
KINDERHOOK	3726 (-2090)
TD	3800

RECEIVED
STATE COMMISSION

FEB 21 1992

CONSERVATION DIVISION
Wichita, Kansas

Phone 913-482-2627, Russell, Kansas
 Phone 316-793-5861, Great Bend, Kansas

ORIGINAL

Phone Plainville 913-434-2812
 Phone Ness City 913-798-3843

FEB 02

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

2612

Plug Down @ 11:30 AM

NEW

Date	12-22-91	Sec.	22	Twp.	23	Range	9	Called Out	8:00 A.M.	On Location	10:45 A.M.	Job Start	11:00 A.M.	Finish	2:25 P.M.	
Lease	Foster	Well No.	# 122	Location				4 + 4 th St Rd, 15, 4w, 5/5	County	Revo	State	KS.				
Contractor	Duke Rig #2							Owner	Same							
Type Job	Surface							RELEASED								
Hole Size	12 1/4"			T.D. 2165'												
Csg.	8 5/8"			Depth 2164' 2' 9" 1005												
Tbg. Size	FROM CONFIDENTIAL															
Drill Pipe	Depth															
Tool	Depth															
Cement Left in Csg.	15'			Shoe Joint												
Press Max.	Minimum															
Meas Line	Displace 16 bbl.															
Perf.																

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: Murfin Drilling Company
 Street: 250 N. Water Suite 330
 City: Wichita State: Ks. 67202

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

Purchase Order No. Calvin D Bonek

CEMENT

Amount Ordered 310 SKS 60/40 38cc, 276 gal.

Consisting of			
Common	216	5.25	1134.00
Poz. Mix	144	2.25	324.00
Gel.	7	6.75	NIC
Chloride	11	21.00	231.00
Quickset			

RECEIVED
 STATE CORPORATION COMMISSION
 Sales Tax

Handling	3610.00	1.00	360.00
Mileage	44		633.60
Sub-Total			
Total			2682.60

Floating Equipment
 TOTAL \$ 3192.60
 Disc - 478.89
 \$ 2713.71

EQUIPMENT

#	No.	Cementer	Helper
Pumptrk	181	Tim	Cary
Pumptrk			
Bulktrk	# 101	Drivers	JACKS.
Bulktrk			

DEPTH of Job

Reference:	Description	Amount
44	Pumptrk Charge	380.00
44	Pumptrk Mileage	88.00
1	8' wooden Plug	42.00
Total		510.00

Remarks: CEMENT Did NOT Circulate ✓
 Ran 65' of 1" & Circulated ✓
 CEMENT to Surface w/ Approx. 50 SKS 60/40 Sub.

Trunkel



FEB 1 1991 ORIGINAL
CONFIDENTIAL

CUSTOMER

INVOICE DATE

12/30/91

DIRECT BILLING INQUIRIES TO: 713-895-5821	TERMS: NET AMOUNT DUE 30 DAYS FROM DATE OF INVOICE	REMIT TO: B.J. SERVICES P.O. BOX 297476 HOUSTON, TX 77297
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MURFIN DRILLING

250 N WATER
SUITE 300
WICHITA KS 67202

J. Comp. et al FROM CONFIDENTIAL

AUTHORIZED BY 627840

PURCH. ORDER REF. NO. N/A

WELL NUMBER : 1-22

CUSTOMER NUMBER : 2579 - 1

LEASE NAME AND NUMBER FOSTER	STATE 15	COUNTY/PARISH 1551	CITY Hayes	DISTRICT NAME Hayes	DISTR. NO. 583
JOB LOCATION/FIELD N/A	MTA DISTRICT	DATE OF JOB 12/30/91	TYPE OF SERVICE LAND-LONG STRING/PRODUCT		

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
10100321	1.00	CEMENT CASING 3,501 TO 4,000 FEET	1205.00		1,205.00
10109005	50.00	MILEAGE CHRG, FROM NEAREST BASE OF	2.47		123.50
10409600	1.00	BASKET	140.00	GAL	140.00
10409600	1.00	GUIDE SHOE	124.00	GAL	124.00
10409600	1.00	INSERT	244.40	GAL	244.40
10409600	8.00	CENTRALIZER	46.75	GAL	374.00
10409600	20.00	SCRATCHERS	30.00	GAL	600.00
10410504	150.00	CLASS "A" CEMENT	5.63	CF	844.50
10415038	650.00	A-5 SALT	0.12	LB	78.00
10422555	106.00	FL-62, PER POUND	5.20	LB	551.20
10425010	500.00	MUD-SWEEP, WITH BJ-TITAN PUMPING E	1.73	GAL	865.00
10430520	1.00	5-1/2" TOP RUBBER PLUG	58.00	EA	58.00

ACCOUNT:	
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TAX EXEMPTION STATUS:



ORIGINAL

CUSTOMER

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250 N WATER
SUITE 300
WICHITA KS 67202

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PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
10880001	150.00	MIXING SERVICE CHRG DRY MATERIALS,	1.16		174.00
10902505	1.00	ROTATING HEAD, WHEN USED WITH BJ-T	200.00		200.00
10940101	370.00	DRAYAGE, PER TON MILE	0.79		292.30
SUBTOTAL					5,873.90
DISCOUNT					1,174.78

03601 000 L 2349A 4898.84 cement prod usg

ACCOUNT	4.2500% KANSAS	4,699.12	199.72
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TAX EXEMPTION STATUS: PAY THIS AMOUNT 4,898.84