

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

API NO. 15- 15-071-20,572-0000 SEC 19
County Greeley **CONFIDENTIAL**
150' W C. SW NE Sec. 11 Twp. 18S Rge. 43 X N

Operator: License # 30606

1980' Feet from S/R (circle one) Line of Section

Name: MURFIN DRILLING COMPANY, INC.

2130' Feet from E/W (circle one) Line of Section

Address 250 North Water, Suite 300

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

City/State/Zip Wichita, Ks. 67202

Lease Name NORMA Well # 1-11

Purchaser: Marathon

Field Name Moore-Johnson

Operator Contact Person: Larry Jack

Producing Formation Morrow

Phone (316) 267-3241

Elevation: Ground 3909 KB 3918

Contractor: Name: Murfin Drilling Co., Inc.

Total Depth 5270 PBDT 5222

License: 30606

Amount of Surface Pipe Set and Cemented at 552' Feet

Wellsite Geologist: Scott Banks

Multiple Stage Cementing Collar Used? X Yes No

Designate Type of Completion.
X New Well Re-Entry Workover

If yes, show depth set 1975 Feet

If Alternate II completion, cement circulated from 1975

X Oil SWD SIGW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

feet depth to surface w/ 335 sx cnt.

Drilling Fluid Management Plan ALT 2 12-7-92 OR
(Data must be collected from the Reserve Pit)

If Workover/Re-Entry: old well info as follows:

Chloride content ppm Fluid volume bbls

Operator:

Dewatering method used

Well Name:

Location of fluid disposal if hauled offsite:
RELEASED

Comp. Date Old Total Depth

Operator Name

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

Lease Name License No.

9-12-92 9-20-92 10/8/92
Spud Date Date Reached TD Completion Date

Quarter Sec. Twp. Rng. E/W

County Docket No.

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.

Signature James R. Daniels
Title James R. Daniels, General Mgr. Date 10/8/92

Subscribed and sworn to before me this 8 day of October, 19 92.

Notary Public Kerran Redington
Date Commission Expires 2/6/94



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution: KCC SUD/REP
 KGS Plug Other
RECEIVED
OCT 20 1992
KANSAS CORPORATION COMMISSION
Wichita, Kansas

Operator Name Murfin Drilling Company, Inc. Lease Name NORMA Well # 1-11
 Sec. 11 Twp. 18S Rge. 43 East West
 County Greeley

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 Supplement

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

See Attached Supplement

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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"		552'	Lite	150	3% cc
					Common	125	3% cc
Production	7 7/8	5 1/2	15.5#	5261	Class A	200	10% salt, .3% FL50
					Lite	275	.2% CD31
					Common	60	

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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth
4	5151-56		none	
4	5148.5-5150.5			

TUBING RECORD	Size 2 7/8	Set At SN @5093'	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
---------------	------------	------------------	-----------	--

Date of First, Resumed Production, SWD or In]. 10/8/92 Swab Test	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
--	--

Estimated Production Per 24 Hours	Oil 16 BOPH	Gas --- Mcf	Water --- Bbls.	Gas-Oil Ratio ---	Gravity ---
-----------------------------------	-------------	-------------	-----------------	-------------------	-------------

Disposition of Gas: 384
 Vented Sold Used on Lease (If vented, submit ACO-18.)
 METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled as above
 Other (Specify) _____

ORIGINAL

OCT 19
CONFIDENTIAL

SUPPLEMENT TO ACO-1

Well: Norma #1-11
1980' fNL 2130' fEL
Sec. 11-18S-43W
Greeley County, Kansas

Operator: Murfin Drilling Company, Inc.

API# 15-071-20,572

DST #1: 5040-5165'
45-60-17-60
IF: Strong blow off bottom of bucket in 1 min
GTS: 5 min 1-1/2" choke 1.949 mmcf
10 min 1-1/2" choke 1.949 mmcf
20 min 1-1/2" choke 2.319 mmcf
30 min 1-1/2" choke 2.075 mmcf
40 min 2" choke 2.310 mmcf
50 min 2" choke 2.060 mmcf
FF: 10 min 2" choke 2.060 mmcf
15 min 2" choke 2.060 mmcf - Spray of oil to surface shut tool
in 17 min into FFP.
REC: Reversed fluid out to Reserve Pit thru the 2". Estimate 400-500'
Gassey Oil. 60' Muddy Oil on top of the tool below circulating
sub.
HP: 2487-2435, SIP: 763-763, FP: 617-638/700-700, BHT: 138 deg.
Sampler: 2500 cc Gas, no fluid, 500 psi

LOG TOPS:
BASE STONE CORRAL 2643 (+1275)
TOPEKA 3844 (+ 74)
HEEBNER 4082 (- 164)
LANSING 4147 (- 229)
MARMATON 4574 (- 656)
CHEROKEE 4700 (- 782)
ATOKA 4909 (- 991)
MORROW SHALE 5045 (-1127)
MORROW SAND 5143 (-1225)
MORROW LIME 5160 (-1242)
MISS 5218 (-1300)

Electric Logs:
Dual Induction Laterolog
Spectral Density Dual Spaced Neutron II Log
Microlog

RELEASED
NOV 1 8 1993
FROM CONFIDENTIAL

RECEIVED
STATE REGULATION COMMISSION

OCT 20 1992

REGULATION DIVISION
Wichita, Kansas

ALLIED CEMENTING CO., INC.

2543

Home Office P. O. Box 31

Russell, Kansas 67665

New

OCI 9

Date	9-12-92	Sec.	11	FWP.	18	Range	43	Called Out	5:30 pm	On Location	11:00 pm	Job Start	3:00 AM	Finish	4:00 AM
Lease	normg		Well No.	1-11		Location	964 944E LINS 2 1/4 N 1/2 E 1/2 S			County	Greeley		State	KS	
Contractor									MURFIN DRILG CO INC						
Type Job									SURFACE						
Hole Size	12 1/4			T.D.	552.8										
Csg.	8 5/8			Depth	552.72										
Tbg. Size	4 1/2			Depth											
Drill Pipe	4 1/2			Depth											
Tool				Depth											
Cement Left in Csg.	15'			Shoe Joint											
Press Max.				Minimum											
Meas Line				Displace	33.5										
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 MURFIN DRILG CO.
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.
X Laura McKeena

CEMENT

Amount Ordered 150 SK Lite 3% CC M55K Com 98%

Consisting of			
Common	125	5.50	687.5
Per-Mix	150 lite	4.50	675.0
Gel.			
Chloride	8	21.00	168.0
Quickset			

~~Sales Tax~~

Handling 275
Mileage 100

RECEIVED

NOV 16 1992

FROM CONFIDENTIAL

Total 2905.5

Floating Equipment
Total \$ 3625.78
Disc - 725.16

\$/ 2900.62

EQUIPMENT		
Pumptrk	# No.	Cementer
	195	Don H Kent
	No.	Helper
Pumptrk	#	Cementer
	220	
		Helper
Bulktrk	#	Driver
		Cary
Bulktrk		Driver

DEPTH of Job		
Reference:	Pump Truck	380.00
	1 8 1/8 weakn PLUG	42.00
	100 Mileage	200.00
	252' at .39	98.28
	Total	720.28

Remarks: Cement Circulated

By Allied Cementing
Thanks Don Hain

RECEIVED
STATE CORPORATION COMMISSION

OCT 20 1992

REGISTRATION DIVISION
Wichita, Kansas



ORIGINAL

ORIGINAL

INVOICE

09/22/92

BILLING INQUIRIES TO: 713-895-5821	TERMS: NET AMOUNT DUE 30 DAYS FROM DATE OF INVOICE	REMIT TO: BJ SERVICES Co. USA P.O. BOX 297476 HOUSTON, TX 77297
---------------------------------------	---	--

PAGE: 1	059074
---------	--------

MURFIN DRILLING

BOX 661
COLBY KS 67701

USED FOR _____ OCT 19
APPROVED _____ CONFIDENTIAL

059074

N/A

WELL NUMBER : 1-11 CUSTOMER NUMBER : 2579 - 0

NORMA	14	14AB	Oakley	585
N/A			09/22/92	LAND-LONG STRING/PRODUCT

10100333	1.00	CEMENT CASING 5,001 TO 5,500 FEET	1395.00		1,395.00
10100005	66.00	MILEAGE CHRG. FROM NEAREST BASE OF	2.47		163.02
10409600	1.00	5-1/2 PORT COLLAR	1772.00	GAL	1,872.00
10409600	2.00	5-1/2 BASKETS	168.00	GAL	336.00
10409600	1.00	7-1/2 LUC RING	16.65	GAL	16.65
10409600	8.00	5-1/2 CENTRALIZERS	46.75	GAL	374.00
10409600	1.00	5-1/2 INSERT	188.00	GAL	188.00
10409600	1.00	5-1/2 GUIDE SHOE	124.00	GAL	124.00
10409600	1.00	BAKER LUC	27.36	GAL	27.36
10409600	14.00	ROTATING SCRATCHES	33.50	GAL	469.00
10410504	200.00	CLASS 'A' CEMENT	7.11	CF	1,422.00
10415038	1900.00	A-S SALT	0.12	LB	228.00

RELEASED
NOV 18 1993
FROM CONFIDENTIAL

ACCOUNT

RECEIVED
STATE COMMISSION
OCT 20 1992

CONSERVATION DIVISION
Wichita, Kansas

TAX EXEMPTION STATUS:



15-071-20572-0000

ORIGINAL

ORIGINAL

OCT 19

INVOICE DATE

09/22/92

CONFIDENTIAL

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

PAGE 2	INVOICE NO. 059074
-----------	-----------------------

AUTHORIZED BY: 059074

PURCH. ORDER REF. NO. N/A

MURFIN DRILLING

BOX 661
COLBY KS 67701

WELL NUMBER : 1-11

CUSTOMER NUMBER : 2579 - 0

LEASER NAME AND NUMBER ORMA	STATE 14	COUNTY/PARISH 14AB	CITY Kley	DISTRICT NAME	DISTR. NO. 585
JOB LOCATION/FIELD N/A		MTA DISTRICT	DATE OF JOB 09/22/92	TYPE OF SERVICE LAND-LONG STRING/PRODUCT	

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
10422540	58.00	FL-30	7.89	EA	441.84
10424005	30.00	CL-31	4.07	EA	154.66
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
10860001	227.10	MIXING SERVICE CHARGE DRILL MATERIAL	1.16		263.44
10902505	1.00	ROTATING HEAD, WHEN USED WITH BJ-T	200.00		200.00
10902550	1.00	ROTATING HEAD, WHEN USED WITHOUT B	58.00		58.00
10940101	686.40	DRAYAGE, PER TON MILE	0.79		542.26
RELEASED					
NOV 1 8 1993					
FROM CONFIDENTIAL					
SUBTOTAL					9,198.23
DISCOUNT					1,939.64

ACCOUNT	1.000000 LOGAN 4.900000 KS-NEW WELL	5,268.21 5,268.21	52.60 257.78
TAX EXEMPTION STATUS:	PAY THIS AMOUNT		7,668.97

RECEIVED
STATE COMMISSION
OCT 20 1992
CONSERVATION DIVISION
Wichita, Kansas



Anna Kerran

OCT 19

ORIGINAL
INVOICE DATE:
10/01/92

CONFIDENTIAL

DIRECT BILLING INQUIRIES TO: 713-895-5221	TERMS NET AMOUNT DUE 30 DAYS FROM DATE OF INVOICE	SHIP TO: BJ SERVICES CO. USA P.O. BOX 257476 HOUSTON, TX 77297
--	--	---

PAGE 1	INVOICE NO. 1 059077
-----------	-------------------------

AUTHORIZED BY
059077

PURCH. ORDER REF. NO.
525

MURFIN DRILLING

BOX 661
CITY KS 67701

WELL NUMBER: 11-11 CUSTOMER NUMBER: 1579 - J

LEASE NAME AND NUMBER MURMA	STATE 24	COUNTY/PARISH 1445	CITY Wichita	DISTRICT NAME	DISTR. NO. 585
JOB LOCATION/FIELD N/A		MTA DISTRICT	DATE OF JOB 10/01/92	TYPE OF SERVICE LAND-LONG STRING/PRODUCT	

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
10101000	1.00	OUTSIDE JOBS AFTER CASING JOB EA A	632.00		632.00
10109000	66.00	MILEAGE CHRG. FROM NEAREST BASE OF	2.47		163.02
10410504	235.00	CLASS 'A' CEMENT	7.11	CF	1,699.29
10415010	96.00	FLY ASH	3.81	CFY	365.76
10420145	1600.00	70 GEL. BENTONITE, PER POUND	0.15	LB	240.00
10880001	301.67	MIXING SERVICE CHARGE DRY MATERIAL	1.16		417.54
10940100	1192.20	DRAYAGE, PER TON MILE	0.79		970.74
RELEASED NOV 18 1993 FROM CONFIDENTIAL					4,390.35 1,229.20
ACCOUNT		USED FOR <u>Comp</u> APPROVED <u>PC EL</u>	SPECIAL DISCOUNT		

ACCOUNT	1.00000 LOGAN 4.90000 KS-NEW WELL	1,652.64 1,650.64	16.59 -32 RECEIVED STATE CORPORATION COMMISSION OCT 20 1992 CONSERVATION DIVISION Wichita, Kansas
---------	--------------------------------------	----------------------	--

TAX EXEMPTION STATUS: PAY THIS AMOUNT → 3,258.96