

15-155-21192-0000

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

Operator: License # 30606Name: Murfin Drilling Co., Inc.Address 250 N. Water, Suite 300City/State/Zip Wichita, KS 67202Purchaser: n/aOperator Contact Person: Larry M. JackPhone () 267-3241Contractor: Name: White & Ellis

License: _____

Wellsite Geologist: Daniel Fredlund

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover☐ Oil ☒ SWD ☐ SLOW ☐ Temp. Abd.☐ Gas ☐ ENHR ☐ SIGW☐ Dry ☐ Other (Core, VSW, 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 ☐ PSTD☐ Commingled ☐ Docket No. _____☐ Dual Completion ☐ Docket No. _____☐ Other (SWD or Inj?) ☐ Docket No. _____Spud Date 3/2/92 Date Reached TD 3/11/92 Completion Date 5/01/92API NO. 15- 155-2 22County RenoNE NE SE Sec. 22 Twp. 23S Rge. 8W E W2310 Feet from S/N (circle one) Line of Section510 Feet from E/W (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)Lease Name Moser C Well # 1Field Name UnknownProducing Formation ArbuckleElevation: Ground 1637 KB 1643Total Depth 4600 PSTD _____Amount of Surface Pipe Set and Cemented at 240 FeetMultiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan AI-I
(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. _____

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 By: Larry M. JackTitle Larry M. Jack, Production Mgr. Date 6/9/92Subscribed and sworn to before me this 9 day of June, 19 92.Notary Public Kerran RedingtonDate Commission Expires 2/6/94

K.C.C. OFFICE USE ONLY		RECEIVED	
F	Letter of Confidentiality Attached	STATE CORPORATION COMMISSION	
C	Wireline Log Received <u>IN FILE</u>	JUN 12 1992	
C	Geologist Report Received		
Distribution		KANSAS CONSERVATION DIVISION	
☒	KCC	☐	SWD/Rep
☐	KGS	☐	Plug
		Wichita, Kansas	
		(Specify)	

SIDE TWO

Operator Name Murfin Drilling Co., Inc.Lease Name Moser CWell # 1Sec. 22 Twp. 23S Rge. 8☐ EastCounty Reno☐ West

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
 (Attach Additional Sheets.)
☒ Yes ☐ No

Samples Sent to Geological Survey

☒ Yes ☐ No

Cores Taken

☐ Yes ☒ No
 Electric Log Run
 (Submit Copy.)
☒ Yes ☐ No

List All E.Logs Run:

DIGL;CDL/DSN;CAL;GNL

☐ Log

Formation (Top), Depth and Datums

☒ Sample

Name

Top

Datum

Howard	2495 (- 852)	
Severy	2553 (- 910)	
Topeka	2618 (- 975)	
Heebner	2948 (-1305)	
Douglas	2971 (-1328)	
Brown Lm	3133 (-1490)	
LKC	3157 (-1514)	
Drum	3333 (-1690)	
Dennis	3380 (-1737)	
Stark	3428 (-1785)	
Swope	3438 (-1795)	

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 $\frac{1}{4}$	8 5/8	25.5	240	60/40 Pozmix	120	2% gel, 3% cc
Production	7 7/8	5 $\frac{1}{2}$	15.5	4158	50/50 Pozmix	130	2% gel, 10% A5

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate				
☐ Protect Casing				
☐ Plug Back TD				
☐ 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
Open hole	4158-4600'	n/a	

TUBING RECORD	Size	Set At	Packer At	Liner Run	☐ Yes ☐ No
	2 7/8	4127			

Date of First, Resumed Production, SWD or Inj.	Producing Method	☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)
5/19/92		

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

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

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

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

as above

ORIGINAL

Murfin Drilling Co., Inc.
Moser C #1
Reno County, KS

Attachment to ACO-1 Well Completion Form

DST #1: 3675-3690'

30-60-45-90

Rec: 1674' GIP

124' GOCM (10% G, 10% O, 80% M)

744' W

75,000 ppm Chlorides

FP: 81-416, SIP: 1216

DST #2: 3690-3705

15-45-45-90

Rec: 310' GIP

62' G&OCM (5% O, 5% G, 90% M)

1612' W

70,000 ppm Chlorides

FP: 172-274/365-791, SIP: 1287-1297

Additional log tops:

BKC	3533 (-1890)
MISS	3669 (-2026)
Kinderhook	3765 (-2122)
TD	3820 (-2177)

RECEIVED
STATE CORPORATION COMMISSION

JUN 1 2 1992

CONSERVATION DIVISION
Wichita, Kansas



10

ORIGINAL

INVOICE DATE

03/02/92

DIRECT BILLING INQUIRIES TO:	TERMS:	REMIT TO:
713-395-5821	NET AMOUNT DUE 30 DAYS FROM DATE OF INVOICE	R.J. SERVICES P.O. BOX 297476 HOUSTON, TX 77297

PAGE:	INVOICE NO.:
1	060441

AUTHORIZED BY:
060441

PURCH ORDER REF. NO.
N/A

CLINTON PRODUCTION, INC.

330 N ARMOUR
WICHITA KS 67206

WELL NUMBER : 1

CUSTOMER NUMBER : 3452 - 0

LEASE NAME AND NUMBER	STATE	COUNTRY/PARISH	CITY	DISTRICT NAME	DISTR. NO.
USER A	14	1407		Medicine Lodge	584
SUB LOCATION FIELD	MA DISTRICT	DATE OF JOB	TYPE OF SERVICE		
N/A		03/02/92	LAND-CONDUCTOR/SURFACE		

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	UM	EXTENDED PRICE
10100302	1.00	CEMENT CASING 0 TO 300 FEET	463.00		463.00
10109005	40.00	MILEAGE CHRG. FROM NEAREST BASE OF	2.47		98.80
10410504	144.00	CLASS "A" CEMENT	5.63	CF	810.72
10415018	96.00	FLY ASH	2.94	CFT	282.24
10415049	533.00	A-7-P CALCIUM CHLORIDE PELLETS	0.48	LB	255.84
10420145	412.00	BJ GEL, BENTONITE, PER POUND	0.15	LB	61.80
10430539	1.00	3 5/8" TOP HOLE (SURFACE) PLUG	17.00	EA	17.00
10880001	256.00	MIXING SERVICE CHRG DRY MATERIALS.	1.16		296.96
10940101	432.00	DRAYAGE, PER TON MILE	0.73		341.28
			SUBTOTAL		2,627.64
			DISCOUNT		727.80

ACCOUNT	1.00000 BARBER	1,032.15	10.32
	4.23000 KS-NEW WELL	1,032.15	43.56
TAX EXEMPTION STATUS:	PAY THIS AMOUNT		
RECEIVED STATE CORPORATION COMMISSION JUN 10 1992 CONSERVATION DIVISION Wichita, Kansas			



ORIGINAL

ORIGINAL

INVOICE DATE

03/11/92

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

PAGE	INVOICE NO.
2	057485

AUTHORIZED BY
057485

PURCH ORDER REF. NO.
N/A

MURFIN DRILLING

BOX 661
COLBY KS 67701

WELL NUMBER : 1-22 CUSTOMER NUMBER : 2579 - 0

LEASE NAME AND NUMBER	STATE	COUNTY/PARISH	CITY	DISTRICT NAME	DISTR. NO.
KOSER C	14	1409		Great Bend	582
JOB LOCATION/FIELD	MTA DISTRICT	DATE OF JOB	TYPE OF SERVICE		
14&50JET3-1/2N E/S		03/11/92	LAND-LONG STRING/PRODUCT		

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
10880001	150.00	MIXING SEVICE CHRG DRY MATERIALS,	1.16		174.00
10940101	276.00	DRAYAGE, PER TON MILE	0.79		218.04
			SUBTOTAL		5,237.02
			DISCOUNT		1,507.40

ACCOUNT	1.0000% BARTON 4.2500% KS-NEW WELL	2,480.59 2,480.59	24.81 105.41
TAX EXEMPTION STATUS:	PAY THIS AMOUNT		3,859.84

RECEIVED
STATE OF KANSAS
JUN 10 1992
CONSERVATION DIVISION
Topeka, Kansas



ORIGINAL

ORIGINAL

INVOICE DATE

03/11/92

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

PAGE	INVOICE NO.
1	057485

AUTHORIZED BY:
057485

PURCH ORDER REF. NO.
N/A

MURFIN DRILLING

BOX 661
COLBY KS 67701

USED FOR

APPROVED

WELL NUMBER : 1-22

CUSTOMER NUMBER : 2579 - 0

LEASE NAME AND NUMBER	STATE	COUNTY/PARISH	CITY	DISTRICT NAME	DISTR. NO.
MOSE C #1-22	14	1409		Great Bend	582
WELL LOCATION/FIELD	MAINT. DISTRICT	DATE OF JOB	TYPE OF SERVICE		
14650JET3-1/2N E/S		03/11/92	LAND-LONG STRING/PRODUCT		

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
10100324	1.00	CEMENT CASING 4,001 TO 4,500 FEET	1263.00		1,263.00
10109005	40.00	MILEAGE CHRG, FROM NEAREST BASE OF	2.47		98.80
10409600	1.00	INSERT-B	188.00	GAL	188.00
10409600	1.00	PACKER SHOE-A	1045.00	GAL	1,045.00
10409600	2.00	BASKET-B	140.00	GAL	280.00
10409600	6.00	CENTRALIZERS-W	46.75	GAL	280.50
10410504	75.00	CLASS "A" CEMENT	5.63	CF	422.25
10415018	75.00	FLY ASH	2.94	CFT	220.50
10415038	674.00	A-5 SALT	0.12	LB	80.88
10420145	252.00	BJ GEL, BENTONITE, PER POUND	0.15	LB	37.80
10425010	500.00	MUD-SWEEP, WITH BJ-TITAN PUMPING E	1.73	GAL	865.00
10430620	1.00	5 1/2" TOP PLUG RESIN/PLASTIC CORE	63.25	EA	63.25

ACCOUNT		
TAX EXEMPTION STATUS:		

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STATE CORPORATION COMMISSION
JUN 10 1992
CONSERVATION DIVISION
Wichita, Kansas