

JAN 22

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

ORIGINAL

API NO. 15- 051-24,773 - 0000

County Ellis CONFIDENTIAL

SW NE NE Sec. 14 Twp. 11S Rge. 19 X E

870 Feet from S/W (circle one) Line of Section

1050 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 METZ "B" Well # 1-14

Field Name unknown

Producing Formation LKC

Elevation: Ground 1961 KB 1966

Total Depth 3622 PBDT 3558'

Amount of Surface Pipe Set and Cemented at 1319 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cnt.

Drilling Fluid Management Plan *AIRI*  
(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 Company, Inc.

Address 250 North Water, Suite 300

City/State/Zip Wichita, Ks. 67202

Purchaser: Clear Creek

Operator Contact Person: Larry M. Jack

Phone (316) 267-3241

Contractor: Name: Murfin Drilling Company, Inc.

License: 30606

Wellsite Geologist: Roger Welty

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: 1-24-92

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. \_\_\_\_\_

12-5-91 12-13-91 1/9/92  
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.

Signature By: *Larry M. Jack*

Title Production Manager Date 1/22/92

Subscribed and sworn to before me this 22 day of Jan. 19 92.

Notary Public *Kerran Redington*



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

Operator Name MURFIN DRILLING COMPANY, INC. Lease Name METZ B Well # 1-14

Sec. 14 Twp. 11S Rge. 19  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  
 (Attach Additional Sheets.)  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No  
 Electric Log Run  Yes  No  
 (Submit Copy.)

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

See Attached for Log Tops

List All E.Logs Run:  
 Guard Sidewall Neutron  
 Compensated Density Sidewall Neutron

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	1319'	60/40 poz	525	3% gel
Production	7 7/8	4 1/2	10.5#	3600'	Class A	150	10% salt

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	3425-27	250 gal. 15% MCA	3425-27
4	3401-03	1750 gal. 15% MCA	3401-03 & 3425-27'

TUBING RECORD Size 2 3/8" Set At 3452 Packer At \_\_\_\_\_ Liner Run  Yes  No

Date of First, Resumed Production, SMD or Inj. 1/13/92 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours Oil 41 Bbls. Gas -- Mcf Water 4 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

Supplement to ACO-1

API# 15-051-24,773

ORIGINAL

JAN 22 1993

CONFIDENTIAL

METZ "B" 1-14  
 1050' FEL 870' FNL NE/4  
 Sec. 14-11S-19W  
 Ellis County, Ks.

RELEASED

- 23 1993

FROM CONFIDENTIAL

DST INFORMATION:DST #1: 2976-2990

30-45-60-60

Rec: 1354' MSW (Muddy Salt Water)

HP: 1467-1458, SIP: 1000-855, FP: 125-375\432-644, BHT: 102°

DST #2: 3242-3296 (B, D, E, F) - Taking

45-30-30-30

IFP: wk surface blow

REC: 70' Mud

HP: 1631-1621, SIP: 942-740, FP: 96-96/105-163, BHT: 103°

Slid Tool 8' to bottom, partial plugging on test, but successful.

DST #3: 3360-3445 (I,J,K,L) - TAKING - Packer set in H

zone. 30-45-60-60

IF: strong blow 10" @ end of period

FF: strong blow reached bottom of bucket

REC: 226' GCMO (Gassey Cut Muddy Oil)

164' (40% O, 60% M)

62' (80% O, 20% M)

HP: 1776-1776, SIP: 855-836 (2% drop), FP: 96-115/125-163, BHT: 105°.

DST #4: 3513-3529 (7' into the Arbuckle)

30-45-60-60

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

REC: 2407' SW (Salt Water) 29,000 ppm chlorides

HP: 1865-1795, SIP: 1095-1095, FP: 76-884/1095-1095,

## LOG TOPS:

TOPEKA	2950 (- 984)
HEEBNER	3171 (-1205)
TORONTO	3186 (-1220)
LKC	3214 (-1248)
BKC	3444 (-1478)
ARBUCKLE	3520 (-1554)
RTD	3622 (-1656)
LTD	3616 (-1650)

Kansas  
Great Bend, Kansas

ORIGINAL

XCO

15-051-24773-0000

Phone Plainville 913-434-2812

Phone Ness City 913-798-3843

JAN 22

New

**ALLIED CEMENTING CO., INC.**

Home Office P. O. Box 31

Russell, Kansas 67665

FROM CONFIDENTIAL

Date	12-6-91	Sec.	14	Twp.	11 <sup>s</sup>	Range	19 <sup>w</sup>	Called Out	5:15 P.M.	On Location	7:45 P.M.	Job Start	10:00 P.M.	Finish	11:30 P.M.
Lease	Metz "B"	Well No.	1-14	Location	Plainville	9S 4 1/4 W 1/4 S		County	Ellis	State	Ks.				

Contractor	Munkin Drilling Co	Rig #	8
Type Job	Set Surface Pipe		
Hole Size	12 1/4"	T.D.	1319'
Csg.	8 7/8"	Depth	1318'
Tbg. Size		Depth	
Drill Pipe		Depth	
Tool		Depth	
Cement Left in Csg.	40'	Shoe Joint	40.35'
Press Max.	700 #	Minimum	
Meas Line	X	Displace	
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 Munkin 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.

X [Signature]

**CEMENT**

Amount Ordered	450 sks 6 9/16 poz 2 bag, 3 bag	
Consisting of	75 sks 6 9/16 poz 2 bag, 3 bag	
Common	315 sks @ 5.25/sk	1653.75
Poz. Mix	210 sks @ 2.25/sk	472.50
Gel.	9 sks	N/C
Chloride	16 sks @ 21.00/sk	336.00
Quickset		

**EQUIPMENT**

Pumptrk	No. 191	Cementer	Gary H.
		Helper	Wayne M.
Pumptrk	No.	Cementer	
		Helper	
Bulktrk	#218	Driver	Jason
Bulktrk	#212	Driver	Joe S.

Handling	01.00/sk (525 sks)	525.00
Mileage	0.44/sk/mi (114 mi)	294.00
Sub Total		819.00
Total		3281.25

DEPTH of Job #1	Pumptruck-surface	#380.00
Reference: #1	1018' @ 394/ft	397.02
#13	mileage @ 2.00/mi	28.00
	1-8 7/8" rubber plug	73.00
	Sub Total	878.02
	Tax	
	Total	

Floating Equipment 8 7/8"

1- Texas pattern guide shoe - \$220.00

1- baffle plate - 31.50

4- centralizers @ 61.00 ea - 244.00

2- cementing baskets @ 180.00 ea - 360.00

2- Baker lock @ 21.00 ea - 42.00

# 897.50

Remarks: Cement did not circulate

Found cement down 100'

Ran 1" & cemented back to surface with 75 sks.

Thanks

ORIGINAL

15-051-24773-0000



CUSTOMER

INVOICE DATE

12/14/91

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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PAGE 1	INVOICE NO. 627829
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AUTHORIZED BY 627829
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PURCH. ORDER REF. NO. N/A
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MURFIN DRILLING  
BOX 641  
COLBY KS 67701

RELEASED  
23 1099  
FROM CONFIDENTIAL  
NE  
METZ B 1-14

WELL NUMBER : 1-14      CUSTOMER NUMBER : 2579 - 0

LEASE NAME AND NUMBER 517 9	STATE 15	COUNTY/PARISH 1551	CITY Hays	DISTRICT NAME	DISTR. NO. 583
JOB LOCATION/FIELD N/A	MTA DISTRICT	DATE OF JOB 12/14/91	TYPE OF SERVICE LAND-LONG STRING/PRODUCT		

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
10109321	1.00	CEMENT CASING 3,501 TO 4,000 FEET	1205.00		1,205.00
10109005	20.00	MILEAGE CHRG, FROM NEAREST BASE OF	2.47		49.40
10409600	10.00	CENTRALIZERS	43.55	GAL	435.50
10409600	1.00	GUIDE SHOE	109.00	GAL	109.00
10409600	1.00	INSERT	166.00	GAL	166.00
10409600	1.00	MAKER LOCK	22.80	GAL	22.80
10409600	16.00	SCRATCHERS-ROTATING	30.00	GAL	480.00
10410504	150.00	CLASS "A" CEMENT	5.74	CF	861.00
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
10430500	1.00	4-1/2" TOP RUBBER PLUG	45.00	EA	45.00

ACCOUNT	
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TAX EXEMPTION STATUS:

ORIGINAL



KCC

CUSTOMER

INVOICE DATE  
12/14/91

JAN 22

DIRECT BILLING INQUIRIES TO: 713-895-5921	TERMS NET AMOUNT DUE 30 DAYS FROM DATE OF INVOICE	REMIT TO: R. J. SERVICES P.O. BOX 297476 HOUSTON, TX 77297
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CONFIDENTIAL

PAGE 2 INVOICE NO. 627825

MURFIN DRILLING

BOX 661  
COLBY KS 67701

RELEASED

JAN 23 1992

AUTHORIZED BY  
627829

PURCH. ORDER REF. NO.  
N/A

WELL NUMBER : I-14

FROM CONFIDENTIAL  
CUSTOMER NUMBER : 2579 - 6

LEASE NAME AND NUMBER SEI7 9	STATE 15	COUNTY/PARISH 1551	CITY	DISTRICT NAME Hayes	DISTR. NO. 503
JOB LOCATION/FIELD N/A	MTA DISTRICT	DATE OF JOB 12/14/91	TYPE OF SERVICE LAND-LONG STRINE/PRODUCT		

PRODUCT NUMBER	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	EXTENDED PRICE
10880001	159.00	MIXING SERVICE CHRG DRY MATERIALS.	1.16		184.44
10940101	148.00	DRAYAGE, PLR TON MILE	0.79		116.92
SUBTOTAL					5,171.20
DISCOUNT					1651.29

03601000 L4877A 4712.07 cement prod 100%

ACCOUNT	4.25007 KANSAS	4,519.97	192.10
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TAX EXEMPTION STATUS:

PAY THIS AMOUNT

4,712.07