

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

Operator: License # 30606

Name: Murfin Drilling Co., Inc.

Address 250 N. Water, Suite 300

City/State/Zip Wichita, KS 67202

Purchaser: ENRON

Operator Contact Person: Larry M. Jack

Phone (316) 267 - 3241

Contractor: Name: Murfin Drilling Company, Inc.

License: 30606

Wellsite Geologist: Chuck Schmaltz

Designate Type of completion
 New Well Re-Entry Workover

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: _____

Comp. Date _____ Old Total Depth _____

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

2/15/95 3/3/95 4/25/95
Spud Date Date Reached TD Completion Date

API NO. 15- 175-21455-0000
County Seward
50' - NW - SE - NW Sec. 36 Twp. 32S Rge 33 W E

3300 Feet from S/N (circle one) Line of Section

3300 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 Oxy-Kane Well # 2-36

Field Name Unknown

Producing Formation Chester

Elevation: Ground 2648 KB 2657

Total Depth 5950 PBTB 5874

Amount of Surface Pipe Set and Cemented at 1492 Feet

Multiple 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
(Data must be collected from the Reserve Pit) ALT 1 DPW
7-16-89

Chloride content 4000 ppm Fluid volume 2500 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite:

Operator Name _____ **RELEASED**

Lease Name _____ License No. 1111 1 5 1996

_____ Quarter Sec. _____ Twp. _____ S Rng. _____

County _____ Docket No. _____

FROM CONFIDENTIAL

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market, Room 2078, 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 Larry M. Jack
Title Larry M. Jack / Production Manager Date 6/19/95

Subscribed and sworn to before me this 19 day of June 19 95.
Notary Public Kerran Redington
Date Commission Expires 2/6/98



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
RECEIVED (Specify)
STATE CORPORATION COMMISSION
6-20-95
JUN 20 1995
Form ACO-1 (7-91)

SIDE TWO

Operator name Murfin Drilling Co., Inc.

Lease Name Oxy-Kane Well # 2-36

Sec. 36 Twp. 32S Rge. 33 East West

County Seward

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.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log Formation (Top), Depth and Datums <input type="checkbox"/> Sample Name Top Datum See attached.
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
List all E.Logs Run:		
See attached.		

CASING RECORD <u> </u> New <u> </u> 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#	1492	Lite Class A	550 150	3% cc 3% cc
Production	7 7/8	4 1/2	10.5#	5939	Class A	225	10#/sx gilsonite 15% salt, .8% Halad 9

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top/Btm	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Csg				
<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	5762-70	250 gal. 15% MCA, 2250 gal. 15% Gelled acid	5762-70
4	5728-30	500 gal. 15% MCA, 2000 gal. 15% Gelled acid	5728-30
4	5536-42	3000 gal. 15% MCA	5536-42
4	5412-25	500 gal. 15% MCA	5412-25

TUBING RECORD	Size <u>2 3/8</u>	Set At <u>5745</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
---------------	-------------------	--------------------	-----------	--

Date of First, Resumed Production, SWD or Inj. <u>SIWOPL 4/25/95</u>	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other
--	---

Estimated Production Per 24 Hours	Oil Bbls	Gas <u>1250</u> Mcf	Water <u>.50</u> Bbls.	Gas-Oil Ratio	Gravity
-----------------------------------	----------	---------------------	------------------------	---------------	---------

Disposition of Gas: **METHOD OF COMPLETION** Production Interval As above

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

CONFIDENTIAL SUPPLEMENT TO ACO-1

ORIGINAL

Operator: Murfin Drilling Company, Inc.
Contractor: Murfin - Rig #20

.OXY KANE #2-36
.50' NW of SE NW
.1945' fNL 1945' fWL
.Section 36-32S-33W
.Seward County, KS

API# 15-175-21455

API# 15-175-21,455-0000

Elevation: 2648 GL
2657 KB

DST #1: 4169-4194' 25' of anchor LANSING B
30-60-60-120

IF: fair blow building to strong off the btm of bkt in 12 min.
FF: wk surface blow bldg to strong off btm of bkt in 50 min.
REC: 120' GIP
400' W w/scum of oil
HP: 2029-1953, SIP: 1197-1184, FP: 55-95/149-217, BHT: 127°
RW: REC: 28,000 ppm chl
PIT: 4,600 ppm chl
Sample Chamber: 4000 cc Water
RW: .24 @ 75° - 28,000 ppm chl.

DST #2: 5287-5475' - UPPER CHESTER

30-60-90-180

IF: strong blow off bottom of bucket in 1 min.
GTS - 5 min

Gauged 10 min 1 1/4" choke 953 mcf
20 min 1 1/4" choke 953 mcf
30 min 1 1/4" choke 995 mcf
FF: Gauged 5 min 1 1/4" choke 995 mcf
10 min 1 1/4" choke 953 mcf
↓
90 min 1 1/4" choke 953 mcf

REC: 270' sl GCDM

HP: 2595-2507, SIP: 1750-1748, FP: 306-202/334-193, BHT: 128°
SAMPLE CHAMBER: 14.2 cfg, 1700 PSI

DST #3 - 5440-5610' LOWER CHESTER

45-60-90-180

IF: strong blow off bottom of bucket in 1 min.

FF: Strong blow immediately - GTS in 5 min.
Gauged 10 min 1/4" choke 8.89 mcf
15 min " " 7.51 mcf
20 min " " 6.72 mcf
25 min " " 6.72 mcf
30 min " " 6.33 mcf
35 min " " 5.86 mcf
↓
55 min " " 5.86 mcf
60 min " " 5.60 mcf
65 min " " 5.32 mcf
↓
90 min " " 5.32 mcf

REC: 90' GCM

HP: 2709-2554, SIP: 995-1536 (both still building)

FP: 163-149/149-136, BHT: 128°

SAMPLE CHAMBER: 9.2 cf gas, 1200 PSI

RELEASED

JUL 15 1996

FROM CONFIDENTIAL

CONTINUED NEXT PAGE

RECEIVED
STATE CORPORATION COMMISSION

JUN 20 1996

CONFIDENTIAL DIVISION
WICHITA, KANSAS

.OXY KANE #2-36
.50' NW of SE NW
.1945' FNL 1945' FWL
.Section 36-32S-33W
.Seward County, KS
Page 2

CONFIDENTIAL

ORIGINAL

API #15-175-21455

DST #4: 5720-5778 - ST. LOUIS
30-60-90-180

Tool open approx 7:00 pm, will start off bottom 1:00 am
IF: strong blow off btm of bkt in 15 sec. - GTS 7 min.

Gauged	10 min	3/8" choke	69 mcf
	15 min	"	107 mcf
	20 min	"	119 mcf
	25 min	"	119 mcf
	30 min	"	132 mcf

FF: GTS immediately

Gauged	5 min	1" choke	336 mcf
	10 min	"	319 mcf
	15 min	"	301 mcf
	↓		↓
	50 min	"	301 mcf
	↓		↓
	90 min	"	301 mcf

REC: 70' Drilling Mud

HP: 2846-2741, SIP: 1781-1784, FP: 55-84/52-38, BHT: 122°

SAMPLE CHAMBER: 7.9 cf gas, 600 ccm, 1650 PSI, Chl 4,000 ppm

DST #5: 5803-5873 - SPERGEN

30-45-60-60

IF: wk 1" blow

FF: wk 1" blow

REC: 60' H

HP: 2842-2778, SIP: 815-926 (both still building)

FP: 22-44/38-57, BHT: 127°

SAMPLER: 4,000 CCM, 725 PSI

LOG TOPS:

HEEBNER	4001
LANSING	4021
LANSING B	4139
IOLA	4411
SWOPE	4612
MARMATON	4784
CHEROKEE	4947
ATOKA	5155
MORROW	4299
MISS/CHESTER	5403
MISS ST GEN	5593
MISS ST LOUIS	5682
MISS/SPERGEN	5867
LTD	5948
RTD	5950

RELEASED

JUL 15 1996

FROM CONFIDENTIAL

RECEIVED
STATE CORPORATION COMMISSION

JUN 20 1995

CONSERVATION DIVISION
WICHITA, KANSAS

ORIGINAL

DEVELOPMENT
P.O. BOX 951046
DALLAS, TX 75395-1046

INVOICE

HALLIBURTON CONFIDENTIAL ORIGINAL

INVOICE NO.	DATE
706603	03/03/1995

WELL/LEASE NO./PROJECT JXY-KANE 2-36		WELL/PROJECT LOCATION SEWARD		STATE KS	OWNER MURFIN
SERVICE LOCATION LIBERAL		CONTRACTOR MURFIN DRILLING	JOB PURPOSE CEMENT PRODUCTION CASING		TICKET DATE 03/03/1995
ACCT. NO. 614500	CUSTOMER AGENT JOHN TURNER	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA COMPANY TRUCK	FILE NO. 86936

USED FOR
APPROVED *ST*

MURFIN DRLG CO
BOX 661
COLBY, KS 67701

DIRECT CORRESPONDENCE TO:
P.O. BOX 1598
LIBERAL, KS 67905-0000

REFERENCE NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE CEMENTING ROUND TRIP	30 MI		2.75	82.50
		1 UNT			
001-016	CEMENTING CASING	5942 FT		2,000.00	2,000.00
		1 UNT			
030-018	CEMENTING PLUG SW, PLASTIC TOP	4 1/2 IN		55.00	55.00
		1 EA			
019-240	CASING SWIVEL W/WALL CLEANERS	4 1/2 IN		185.00	185.00
		1 EA			
018-315	MUD FLUSH	500 GAL		.65	325.00
12A	GUIDE SHOE - 4 1/2" 8RD THD.	1 EA		95.00	95.00
825.201					
24A	INSERT FLOAT VALVE - 4 1/2" 8RD	1 EA		73.00	73.00
815.19101					
27	FILL-UP UNIT 4 1/2"-5"	1 EA		45.00	45.00
815.19111					
40	CENTRALIZER 4-1/2 X 7-7/8	10 EA		50.00	500.00
806.60004					
60	ROTD WALL CLEANER 2 1/8" SPIKE	16 EA		22.00	352.00
807.0007					
320	CEMENT BASKET-4-1/2 X 7-7/8	2 EA		105.00	210.00
806.70020					
350	HALLIBURTON WELD-A	1 EA		14.50	14.50
890.10802					
504-043	CEMENT - PREMIUM	225 SK		10.61	2,387.25
508-127	CAL SEAL 60	21 SK		25.90	543.90
508-291	GILSONITE BULK	2250 LB		.40	900.00
509-968	SALT	1701 LB		.15	255.15
507-665	HALAD-9	169 LB		8.85	1,495.65
66	FASGRIP LIMIT CLAMP 4 1/2"	1 EA		11.20	11.20
807.64021					
001-018	CEMENTING CASING - ADD HRS	1 HR		235.00	235.00
		1 UNT			

RELEASED

MAR 15 1996

FROM CONFIDENTIAL

RECEIVED
STATE CORPORATION COMMISSION

***** CONTINUED ON NEXT PAGE *****

JUN 2 1995

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney's fees of 20% of the amount received plus all collection and court costs.

CONSERVATION DIVISION
WICHITA, KANSAS



HALLIBURTON

P.O. BOX 951046
DALLAS, TX 75395-1046

ICE

ORIGINAL

INVOICE NO.	DATE
706603	03/03/1997

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
KANE 2-36		SEWARD		KS	MURFIN
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE	
LIBERAL	MURFIN DRILLING	CEMENT PRODUCTION CASING		03/03/1997	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
614500	JOHN TURNER			COMPANY TRUCK	8693

MURFIN DRLG CO
BOX 661
COLBY, KS 67701

CONFIDENTIAL

DIRECT CORRESPONDENCE TO:
P.O. BOX 1598
LIBERAL, KS 67905-0000

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
500-207	BULK SERVICE CHARGE	322	CFT	1.35	434.70
500-306	MILEAGE CMTG MAT DEL OR RETURN	410.78	TMI	.95	390.24
INVOICE SUBTOTAL					10,590.09
DISCOUNT-(BID)					3,679.32-
INVOICE BID AMOUNT					6,910.77
*-KANSAS STATE SALES TAX					224.93
*-LIBERAL CITY SALES TAX					45.90
*-SEWARD COUNTY SALES TAX					45.90

RELEASED

JUL 15 1996

FROM CONFIDENTIAL

INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====> \$7,227.50

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the amount received plus all collection and court costs.

ALLIED CEMENTING CO., INC.

1228

MAIL TO P.O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL

SERVICE POINT:

Medicine Lodge

CONFIDENTIAL

DATE <u>2/16/95</u>	SEC <u>36</u>	TWP. <u>32S</u>	RANGE <u>33W</u>	CALLED OUT <u>4:30PM</u>	ON LOCATION <u>8:30PM</u>	JOB START <u>12:00 AM</u>	JOB FINISH <u>1:30 AM</u>
LEASE <u>Oxy-Kane</u>	WELL # <u>2-36</u>	LOCATION <u>Lot 83+160 35 1/2 E 1/2 S</u>			COUNTY <u>Seward</u>	STATE <u>Ks</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR MurFin Drilling Rig #20
 TYPE OF JOB CMT 8 3/4 Surface Csg
 HOLE SIZE 12 1/4 T.D. 1492
 CASING SIZE 8 3/4 24" DEPTH 1509
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX 800 MINIMUM 50
 MEAS. LINE _____ SHOE JOINT 38
 CEMENT LEFT IN CSG. 39
 PERFS. _____

OWNER Same
 CEMENT
 AMOUNT ORDERED
550 SKs 65/35 1/4 gal 370 caal 2 1/4 Flo-seal
150 SKs Class A + 2% gel 370 caal 2 1/4 Flo-seal

COMMON	<u>150</u>	@	<u>7.20</u>	<u>1080.00</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>9.50</u>	<u>28.50</u>
CHLORIDE	<u>24</u>	@	<u>28.00</u>	<u>672.00</u>
UREATE	<u>SSO</u>	@	<u>6.65</u>	<u>3657.50</u>
FLO-SEAL	<u>175#</u>	@	<u>1.15</u>	<u>201.25</u>
		@		
		@		
HANDLING	<u>700</u>	@	<u>1.05</u>	<u>735.00</u>
MILEAGE	<u>700 x 30 x .04</u>			<u>840.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Max Ball
 # 234 HELPER JUSTIN HART
 BULK TRUCK
 # 259 DRIVER John Kelley
 BULK TRUCK
 # 303 DRIVER Mark Heath

RELEASED TOTAL \$7214.10
25

REMARKS:

JUL 15 1996 SERVICE

CMT 8 3/4 surface Csg with SSO SKs 65/35 1/4 gal 370 caal 2 1/4 Flo-seal + 150 SKs Class A + 2% gel 370 caal 2 1/4 Flo-seal Drop Plug Displacer 93.7 BBL Land Plug Close in Head Cement did circulate ✓

FROM CONFIDENTIAL

DEPTH OF JOB	<u>1492</u>		
PUMP TRUCK CHARGE	<u>0-300'</u>		<u>445.00</u>
EXTRA FOOTAGE	<u>1192'</u>	@	<u>.41</u> <u>488.72</u>
MILEAGE	<u>30</u>	@	<u>2.35</u> <u>70.50</u>
PLUG	<u>8 3/4 Rubber Plug</u>	@	<u>90.00</u> <u>90.00</u>
		@	
		@	

TOTAL \$1094.22

CHARGE TO: MurFin Drilling Co
 STREET _____
 CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

<u>1-8 3/4 PaFFlc</u>	@	<u>105.00</u>	<u>105.00</u>
<u>2-8 3/4 Centralizers</u>	@	<u>61.00</u>	<u>122.00</u>
<u>1-8 3/4 Cement Basket</u>	@	<u>180.00</u>	<u>180.00</u>
	@		
	@		

TOTAL \$407.00

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 is listed. The above work was done to satisfaction and supervision of owner-agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX 0
 TOTAL CHARGE \$8715.32
 DISCOUNT \$1743.07 IF PAID IN 30 DAYS

Net \$6972.25

SIGNATURE Lonny Fan