

FORM MUST BE TYPED

CONFIDENTIAL

SIDE ONE

36-32-33W
COPY

**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- 175-21455County Seward50' - NW - SE - NW Sec. 36 Twp. 32S Rge 33 X W

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 # 2-36Field Name UnknownProducing Formation ChesterElevation: Ground 2648 KB 2657Total Depth 5950 PBTB 5874Amount of Surface Pipe Set and Cemented at 1492 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 ALT 1 DW
(Data must be collected from the Reserve Pit) 7-16-86Chloride content 4000 ppm Fluid volume 2500 bblsDewatering method used EvaporationLocation of fluid disposal if hauled offsite: **RELEASED**Operator Name JUL 15 1996Lease Name _____ License No. _____
FROM CONFIDENTIAL

____ 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, 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
☒ Letter of Confidentiality Attached
☒ Wireline Log Received
☒ Geologist Report Received

Distribution
☒ KCC ☐ SWD/Rep ☐ NGPA JUN 2 1995
☒ KGS ☐ Plug ☐ Other (Specify)

Form ACO-1 (7-91)

SIDE TWO

Operator name Murfin Drilling Co., Inc.Lease Name Oxy-Kane Well # 2-36Sec. 36 Twp. 32S Rge. 33 ☐ East
☒ WestCounty 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 ☒ Yes ☐ No
(Attach Additional Sheets.)Samples Sent to Geological Survey ☒ Yes ☐ NoCores Taken ☐ Yes ☒ NoElectric Log Run ☒ Yes ☐ No
(Submit Copy.)

List all E.Logs Run:

See attached.

☐ Log Formation (Top), Depth and Datums ☐ 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 1/4"	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: _ Perforate _ Protect Csg _ Plug Back TD _ Plug Off Zone	Depth Top/Btm	Type of Cement	# Sacks Used	Type and Percent Additives

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 2 3/8 Set At 5745 Packer At		Liner Run ☐ Yes ☐ No	
Date of First, Resumed Production, SWD or Inj. SIWOPL 4/25/95		Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other	
Estimated Production Per 24 Hours	Oil Bbls	Gas 1250 Mcf	Water .50 Bbls. Gas-Oil Ratio Gravity

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

☐ Vented ☒ Sold ☐ Used on Lease ☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled
(If vented, submit ACO-18.) ☐ Other (Specify) _____
As above

CONFIDENTIAL SUPPLEMENT TO ACO-1

36-32-33W

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' S1 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

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CONTINUED NEXT PAGE

RECEIVED
STATE OF KANSAS
JUN 2 1995

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

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

FP: 22-44/38-57, BET: 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

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SEARCHED
SERIALIZED
INDEXED
FILED

JUN 2 1995

U.S. DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION