

plugged 3/5/97

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

API NO. 15- 175-21,601-0000 ORIGINAL

County SEWARD

NE 4 Sec. 3 Twp. 32S Rge. 32 XX ^E _W

4030 Feet from (S/N) (circle one) Line of Section

1700 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 ROEHR Well # 1

Field Name _____

Producing Formation _____

Elevation: Ground 2833' KB 2838'

Total Depth 2800' PBTD _____

Amount of Surface Pipe Set and Cemented at: 559 Feet

Multiple Stage Cementing Collar Used? Yes XX No _____

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx. cmt.

Drilling Fluid Management Plan P4A, 3-26-98 U.C.
(Data must be collected from the Reserve Pit)

Chloride content 18,000 ppm Fluid volume 80 bbls

Dewatering method used Evaporization

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. 25

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

Operator: License # 31836

Name: St. Mary Land & Exploration Co.

Address 1776 Lincoln St.

Suite 1100

City/State/Zip Denver, Co. 80203

Purchaser: _____

Operator Contact Person: Bob Bachman

Phone (303) 863-4327

Contractor: Name: Abercrombie RTD, INC.

License: 30684

Wellsite Geologist: _____

Designate Type of Completion

XX New Well _____ Re-Entry _____ Workover _____

Oil _____ SWD _____ SLOW _____ Temp. Abd. _____

Gas _____ ENHR _____ SIGM _____

XX Dry _____ Other (Core, WSW, Expl., Cathodic, etc) _____

If Workover/Reentry: Old Well Info as follows:

Operator: N/A

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening _____ Re-perf. _____ Conv. to Inj/SWD _____

Plug Back _____ PBTD _____

Commingled _____ Docket No. _____

Dual Completion _____ Docket No. _____

Other (SWD or Inj?) _____ Docket No. _____

03-01-97 03-05-97 03-05-97
Spud Date Date Reached TD Completion Date

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 [Signature]

Title Geologist Date 4/1/97

Subscribed and sworn to before me this 1st day of April 1997.

Notary Public [Signature]

Date Commission Expires _____ My Commission Expires 10/01/2000

K.C.C. OFFICE USE ONLY		
F	Letter of Confidentiality Attached	
C	Wireline Log Received	
C	Geologist Report Received	
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
		<input type="checkbox"/> NGPA
		<input type="checkbox"/> Other
		(Specify)

SIDE TWO

Operator Name St. Mary Land & Exploration Co. Lease Name Roehr Well # 1

Sec. 3 Twp. 32S Rge. 32 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 Yes No (Attach Additional Sheets.)
Samples Sent to Geological Survey Yes No
Cores Taken Yes No
Electric Log Run (Submit Copy.) Yes No
List All E.Logs Run:
Dual Ind. Log, Micro Electrical, Comp. Neutron Log

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Name	Top	Datum
<u>Herrington</u>	<u>2637</u>	<u>+ 201</u>
<u>Upper Krider</u>	<u>2660</u>	<u>+ 178</u>
<u>Lower Krider</u>	<u>2698</u>	<u>+ 140</u>

CASING RECORD <input type="checkbox"/> New <input checked="" 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"	23#	559'	ALH	210	3%cc, 1/4#floseal/sk
			followed with		Class A	125	3%cc, 2%gel

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	

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SLD or Inj.		Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water 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. Comingled Other (Specify) N/A

Production Interval: N/A

ORIGINAL

ALLIED CEMENTING CO., INC. 6631

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

SERVICE POINT:
med. lodge

DATE <u>3-5-97</u>	SEC. <u>3</u>	TWP. <u>32S</u>	RANGE <u>32W</u>	CALLED OUT <u>9:00 P.M.</u>	ON LOCATION <u>1:30 A.M.</u>	JOB START <u>2:40 AM</u>	JOB FINISH <u>5:30 AM</u>
LEASE <u>Roehr</u>	WELL # <u>1</u>	LOCATION <u>160+ Kismet Corner, 3w-1/2n</u>			COUNTY <u>Seward</u>	STATE <u>Ks.</u>	

OLD OR NEW (Circle one)

CONTRACTOR Abercrombie RTD
 TYPE OF JOB Rotary Plug
 HOLE SIZE 7 7/8 T.D. 2829
 CASING SIZE 8 5/8 DEPTH 561
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE 4 1/2 x hole DEPTH 1600
 TOOL _____ DEPTH _____
 PRES. MAX 200 MINIMUM 100
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____

OWNER St. Mary Oper. Co.
CEMENT

AMOUNT ORDERED 1.35sxs.60/40/6%Gel

COMMON	<u>81</u>	@	<u>7.20</u>	<u>583.20</u>
POZMIX	<u>54</u>	@	<u>3.15</u>	<u>170.10</u>
GEL	<u>7</u>	@	<u>9.50</u>	<u>66.50</u>
CHLORIDE		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>135</u>	@	<u>1.05</u>	<u>141.75</u>
MILEAGE	<u>135 x 39</u>		<u>.04</u>	<u>210.60</u>

EQUIPMENT

PUMP TRUCK CEMENTER Barry Drilling
 # 233-302 HELPER Justin Hart
 BULK TRUCK
 # 259-314 DRIVER John Kelley
 BULK TRUCK
 # _____ DRIVER _____

TOTAL \$1172.15

REMARKS:

1600' w/ 50sxs. ✓
590' w/ 50sxs
40' w/ 10sxs
mouse hole w/ 10sxs
Rathole w/ 10sxs.

SERVICE

DEPTH OF JOB 1600'
 PUMP TRUCK CHARGE _____ 445.00
 EXTRA FOOTAGE _____ @ _____
 MILEAGE 24 @ 2.85 68.40
 PLUG _____ @ _____
 _____ @ _____
 _____ @ _____

TOTAL \$513.40

CHARGE TO: Abercrombie RTD
 STREET 801 Union Center
 CITY Wichita STATE Ko ZIP 67202

FLOAT EQUIPMENT

_____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____

TOTAL _____

TAX _____
 TOTAL CHARGE \$1685.55
 DISCOUNT \$252.83 IF PAID IN 30 DAYS
 NET \$1432.72

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.

SIGNATURE X W.C. Craig

RECEIVED
 KANSAS CORP COMM
 1997 APR -3 P 1:35

ALLIED CEMENTING CO., INC.

6627

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

ORIGINAL

SERVICE POINT:
med. lodge, ks.

DATE <u>3-2-97</u>	SEC. <u>3</u>	TWP. <u>32S</u>	RANGE <u>32W</u>	CALLED OUT <u>2:30 A.M.</u>	ON LOCATION <u>7:00 A.M.</u>	JOB START <u>10:30 A.M.</u>	JOB FINISH <u>12:00 P.M.</u>
LEASE <u>Roehr</u>	WELL # <u>1</u>	LOCATION <u>160+ Kismet Corner, 3w-1/2h</u>			COUNTY <u>Seward</u>	STATE <u>Ks.</u>	

OLD OR NEW (Circle one)

CONTRACTOR Abercrombie Drp. S

TYPE OF JOB Surface Csg.

HOLE SIZE 12 1/4 T.D. 561

CASING SIZE 8 5/8 x 24 DEPTH 560

TUBING SIZE _____ DEPTH _____

DRILL PIPE 4 1/2 x hole DEPTH 561

TOOL _____ DEPTH _____

PRES. MAX 350 MINIMUM 200

MEAS. LINE _____ SHOE JOINT 41.80

CEMENT LEFT IN CSG. _____

PERFS. _____

OWNER St. Mary Oper. Co.
CEMENT

AMOUNT ORDERED 210 sxs. ALW + 3% CLC 1/2
1/4 # Flo-Seal, 125 sxs. CLASS A 3% CLC 1/2
2% Gel

COMMON A	<u>125</u>	@	<u>7.20</u>	<u>900.00</u>
POZMIX		@		
GEL	<u>2</u>	@	<u>9.50</u>	<u>19.00</u>
CHLORIDE	<u>10</u>	@	<u>23.00</u>	<u>230.00</u>
<u>ALW</u>	<u>210</u>	@	<u>6.65</u>	<u>1396.50</u>
<u>Flo-Seal</u>	<u>53 #</u>	@	<u>1.15</u>	<u>60.95</u>
		@		
		@		
HANDLING	<u>335</u>	@	<u>1.05</u>	<u>351.75</u>
MILEAGE	<u>335 x 39</u>	@	<u>.04</u>	<u>522.60</u>

EQUIPMENT

PUMP TRUCK CEMENTER Karry Dreiling

255-265 HELPER Carl Balding

BULK TRUCK

240-251 DRIVER Shane Winsor

BULK TRUCK

_____ DRIVER _____

TOTAL ~~\$330.80~~
~~2469.85~~
3530.80

REMARKS:

SERVICE

Pipe on Bottom. Circ. w/ Rig Pump
Cement 210 sxs. ALW + 3% CLC 1/2 + 1/4 # Flo-seal
125 sxs. CLASS A 3% CLC 1/2 + 2% Gel
Cement In. Stop Pumps. Release Plug
Displace Plug w/ 33 Bbls Fresh H₂O.
Bump Plug. Shot In.
Cement Circ. to surface ✓

DEPTH OF JOB	<u>561'</u>		
PUMP TRUCK CHARGE	<u>0-300'</u>		<u>445.00</u>
EXTRA FOOTAGE	<u>261'</u>	@	<u>.41</u> <u>107.01</u>
MILEAGE	<u>24</u>	@	<u>2.85</u> <u>68.40</u>
PLUG Rubber	<u>8 1/8"</u>	@	<u>90.00</u> <u>90.00</u>
		@	
		@	

1997 APR 3 P 11:33 AM
RECEIVED
KANSAS STORP COMM
TOTAL \$710.41

CHARGE TO: Abercrombie RTD

STREET 801 Union Center

CITY Wichita STATE Ks ZIP 67202

FLOAT EQUIPMENT

<u>8 5/8</u>			
1- Baffle	@	<u>135.00</u>	<u>135.00</u>
1- Basket	@	<u>200.00</u>	<u>200.00</u>
	@		
	@		
	@		

TOTAL \$335.00

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 _____

TOTAL CHARGE ~~\$376.84~~

DISCOUNT ~~\$66.73~~ IF PAID IN 30 DAYS

NET ~~\$309.78~~

SIGNATURE X W. C. Craig