

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

Operator: License # 04779

Name: NORTH AMERICAN RESOURCES CO.

Address 1700 BROADWAY

SUITE 508

City/State/Zip DENVER, CO. 80290

Purchaser: N/A

Operator Contact Person: MIKE JENSEN

Phone (303) 861-9183 ext. 220

Contractor: Name: ABERCROMBIE RTD, INC

License: 30684

Wellsite Geologist: Wes Hansen

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SLOW Temp. Abd.

Gas ENHR SIGW

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

If Workover:

Operator: N/A

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. _____

01-22-97 01-31-97 02-02-97
Spud Date Date Reached TD Completion Date

API NO. 15-171-20,507-0-00 **ORIGINAL**

County SCOTT

SW NE NE Sec. 31 Twp. 18 Rge. 34 XX

1080 Feet from S/N (circle one) Line of Section

1080 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 ROBINSON FARMS Well # 31-1

Field Name COUNTY LINE

Producing Formation None

Elevation: Ground 3155' KB 3160'

Total Depth 5100' PBTB 5100'

Amount of Surface Pipe Set and Cemented at 422.02 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 DAA 97 6-27-97
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used EVAPORIZATION

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, 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 J. M. Myk

Title ENGINEERING TECHNICIAN Date 2/24/97

Subscribed and sworn to before me this 24th day of February, 19 97.

Notary Public Med. Hill

Date Commission Expires 11-29-97

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

Operator Name **JANISIO** NORTH AMERICAN SOURCES CO.
 East
 Sec. 31 Twp. 18 Rge. 34 West

Lease Name **ROBINSON FARMS** Well # 31-1
 County **SCOTT**

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.)
 List All E.Logs Run:
 BHC- Sonic Dual Induction, GR, SP
 Litho Density Neutron, gr, cal, bhv
 Micro-Electric Log

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Name	Top	Datum
Topeka	3607'	-446'
Heebner	4009'	-848'
Lansing	4116'	-955'
Marmaton	4507'	-1346'
Cherokee Shale	4651'	-1490'
Morrow Shale	4834'	-1673'
St. Genevieve	4933'	-1772'

CASING RECORD <input type="checkbox"/> New <input 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"	20#	422.02	60/40 pos	250	2% gel, 3% cc

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

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SMD 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 <u>N/A</u> Bbls.	Gas <u>N/A</u> Mcf	Water <u>N/A</u> 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
 Production Interval: Other (Specify) _____

ALLIED CEMENTING CO., INC. 5271

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

ORIGINAL

SERVICE POINT: Oakley

DATE <u>1-22-97</u>	SEC. <u>31</u>	TWP. <u>18^S</u>	RANGE <u>34^W</u>	CALLED OUT	ON LOCATION <u>8:00 PM</u>	JOB START <u>1:15 AM</u>	JOB FINISH <u>2:00 AM</u>
LEASE <u>Robinson Farms</u>		WELL# <u>31-1</u>		LOCATION <u>Madoc 2W-2 1/2 S-14 E-5 S</u>		COUNTY <u>Scott</u>	STATE <u>Kan</u>

OLD OR NEW (Circle one)

CONTRACTOR Abercrombie RTD #8
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 427'
 CASING SIZE 8 5/8 DEPTH 422'
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 15'
 PERFS.

OWNER North America Resources, Inc.
CEMENT

AMOUNT ORDERED 250 SKS 60% cc port
3% cc - 2% cc 1,

COMMON	@	
POZMIX	@	
GEL	@	
CHLORIDE	@	
	@	
	@	
	@	
	@	
	@	
HANDLING	@	
MILEAGE	@	

EQUIPMENT

PUMP TRUCK CEMENTER Walt
 # 300 HELPER Wayne
 BULK TRUCK
 # 218 DRIVER Dean
 BULK TRUCK
 # DRIVER

TOTAL _____

REMARKS:

Cement Did Circ.

SERVICE

DEPTH OF JOB 422'
 PUMP TRUCK CHARGE
 EXTRA FOOTAGE 122' @ 41d
 MILEAGE miles @ 7.93
 PLUG 8 5/8 Surface @
 @
 @

TOTAL _____

CHARGE TO: Abercrombie Dcty, Inc
 STREET _____
 CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	

TOTAL _____

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 _____
 DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE [Signature]

ALLIED CEMENTING CO., INC. 5173

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

ORIGINAL

SERVICE POINT: Oakley

DATE <u>2-1-97</u>	SEC. <u>31</u>	TWP. <u>18</u>	RANGE <u>34</u>	CALLED OUT	ON LOCATION <u>8:45 PM</u>	JOB START	JOB FINISH <u>12:30 AM</u>
LEASE <u>Walt in 5000 Acres</u>	WELL# <u>31-1</u>	LOCATION <u>Madoc W to C. 25-34E-SS</u>			COUNTY <u>Scott</u>	STATE <u>Kan</u>	

OLD OR NEW (Circle one)

CONTRACTOR Abraham RD #8
 TYPE OF JOB PTA
 HOLE SIZE 7 7/8 I.D. 5100'
 CASING SIZE _____ DEPTH _____
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____

OWNER Same
 CEMENT

AMOUNT ORDERED 245 sks 67/40 lbs
6% Gel, 1/4" Flo. Seal

COMMON _____ @ _____
 POZMIX _____ @ _____
 GEL _____ @ _____
 CHLORIDE _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 HANDLING _____ @ _____
 MILEAGE _____ @ _____

EQUIPMENT

PUMP TRUCK CEMENTER Walt
 # 3 HELPER Terry
 BULK TRUCK _____
 # _____ DRIVER Wayne
 BULK TRUCK _____
 # _____ DRIVER _____

TOTAL _____

REMARKS:

50 sks @ 2430'
80 sks @ 1320'
40 sks @ 750'
50 sks @ 450'
10 sks @ 40'
15 sks in BH

SERVICE

DEPTH OF JOB 2430'
 PUMP TRUCK CHARGE _____
 EXTRA FOOTAGE _____ @ _____
 MILEAGE 2.85 @ _____
 PLUG 8 3/4" DI @ _____
 _____ @ _____
 _____ @ _____

TOTAL _____

CHARGE TO: North American Resources, Co
 STREET _____
 CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

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

TOTAL _____

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 _____
 DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Walt

TRILOBITE TESTING L.L.C.

ORIGINAL

OPERATOR : North American Resources
 WELL NAME: Robinson Farms #31-1
 LOCATION : 31-18S-34W Scott KS.
 INTERVAL : 4662.00 To 4695.00 ft

DATE 1-29-97

KB 3161.00 ft TICKET NO: 9614 DST #1
 GR 3156.00 ft FORMATION: Cherokee
 TD 4695.00 ft TEST TYPE: CONV

15-171-20502-00-00

RECORDER DATA

Mins	Field	1	2	3	4
PF 15 Rec.	13339	13339	2341		
SI 60 Range(Psi)	4025.0	4025.0	4995.0	0.0	0.0
SF 30 Clock(hrs)	12 HR	12 HR	Elec		
FS 60 Depth(ft)	4690.0	4690.0	4665.0	0.0	0.0

TIME DATA-----
 PF Fr. 1925 to 1940 hr
 IS Fr. 1940 to 2040 hr
 SF Fr. 2040 to 2110 hr
 FS Fr. 2110 to 2210 hr

	Field	1	2	3	4
A. Init Hydro	2343.0	2353.0	2295.0	0.0	0.0
B. First Flow	41.0	61.0	13.0	0.0	0.0
B1. Final Flow	41.0	1024.0	15.0	0.0	0.0
C. In Shut-in	1020.0	82.0	1037.0	0.0	0.0
D. Init Flow	41.0	67.0	17.0	0.0	0.0
E. Final Flow	41.0	56.0	15.0	0.0	0.0
F. Fl Shut-in	939.0	955.0	972.0	0.0	0.0
G. Final Hydro	2273.0	2278.0	2271.0	0.0	0.0
Inside/Outside	0	0	I		

T STARTED 1745 hr
 T ON BOTM 1923 hr
 T OPEN 1925 hr
 T PULLED 2210 hr
 T OUT 0030 hr

TOOL DATA-----
 Tool Wt. 1800.00 lbs
 Wt Set On Packer 25000.00 lbs
 Wt Pulled Loose 55000.00 lbs
 Initial Str Wt 50000.00 lbs
 Unseated Str Wt 50000.00 lbs
 Bot Choke 0.75 in
 Hole Size 7.88 in
 D Col. ID 0.00 in
 D. Pipe ID 3.80 in
 D.C. Length 0.00 ft
 D.P. Length 4074.00 ft
 H.W. I.D 2.70 in
 H.W. Length 568.00 ft

RECOVERY

Tot Fluid 5.00 ft of 0.00 ft in DC and 5.00 ft in DP
 5.00 ft of Drilling Mud
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of RW 1.5 @ 45 Deg
 SALINITY 6500.00 P.P.M. A.P.I. Gravity 0.00

MUD DATA-----
 Mud Type Chemical
 Weight 9.10 lb/c
 Vis. 56.00 S/L
 W.L. 11.20 in3
 F.C. 0.00 in
 Mud Drop N

BLOW DESCRIPTION

Initial Flow:
 Weak 1/4" blow steady throughout

Initial Shut In:
 No return blow

Final Flow:
 Weak surface blow, died in 10 mins

Final Shut In:
 No return blow

Amt. of fill 0.00 ft
 Btm. H. Temp. 116.00 F
 Hole Condition Good
 % Porosity 0.00
 Packer Size 6.75 in
 No. of Packers 2
 Cushion Amt. 0.00
 Cushion Type
 Reversed Out N
 Tool Chased N
 Tester Rod Steinbrink
 Co. Rep. Wes Hansen
 Contr. Abercrombie
 Rig # 8
 Unit #
 Pump T.

SAMPLES:
 SENT TO:

Test Successful: Y

KANSAS RECEIVED
 1997 FEB 25 12 44
 KANSAS CORP CU

ORIGINAL

*** TOOL DIAGRAM *** CONV

WELL NAME: Robinson Farms #31-1

LOCATION : 31-18S-34W Scott KS.

TICKET No. 9614 D.S.T. No. 1 DATE 1-29-97

TOTAL TOOL TO BOTTOM OF TOP PACKERS 30

INTERVAL TOOL 33

BOTTOM PACKERS AND ANCHOR

TOTAL TOOL 63

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY 63

D.C. ABOVE TOOLS.Stands Single Total

D.P. ABOVE TOOLS.Stands66 Single Total 4642

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4705

TOTAL DEPTH 4695

TOTAL DRILL PIPE ABOVE K.B. 10

REMARKS:

Sampler Data;

Gas;

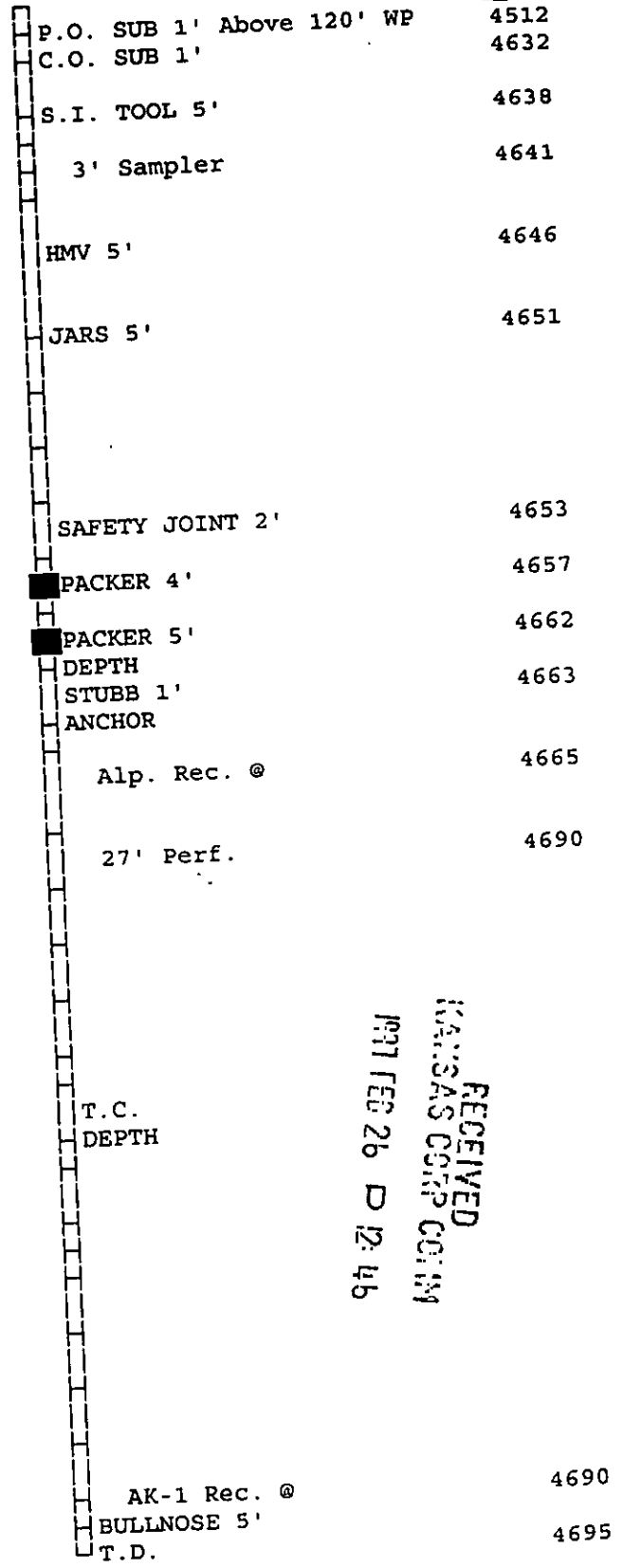
Oil;

Water;

Mud; 4000 ml

Total Volume; 4000 ml

Pressure; 10 # psi



RECEIVED
KANSAS CORP CO. 11M
1997 FEB 26 P 12:46