

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

ORIGINAL

Operator: License # 4767

Name: Ritchie Exploration, Inc.

Address P.O. Box 783188

City/State/Zip Wichita, KS 67278

Purchaser: Texaco

Operator Contact Person: Lisa Thimmesch

Phone (316) 691-9500

Contractor: Name: Express Well Service

License: 6426

Wellsite Geologist: _____

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: Don E. Pratt

Well Name: Denio

Comp. Date 11/77 Old Total Depth 4100'

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back 3700' PBDT
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

Squeeze OFF CASING HOLES
3-5-97 4-3-97
~~Start~~ Date of START Date Reached TD Completion Date of WORKOVER

API NO. 15-065-20,976 0001

County Graham

C - SE- NW - 5 Sec. 5 Twp 10 Rge. 24W X ^E _W

2030 Feet from S (circle one) Line of Section

2030 Feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name Denio "P" Well # 2

Field Name _____

Producing Formation L/KC

Elevation: Ground 2497 KB 2502

Total Depth 4100 PBDT _____

Amount of Surface Pipe Set and Cemented at _____ 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 REWORK 2X 6-9-97
(Data must be collected from the Reserve Pft)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

RELEASED

Operator Name 9-16-1998

Lease Name SEP 16 1998 License No. _____

Quarter Sec. 5 Twp 10 S. Rng. _____ E/W

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 [Signature]
Title President Date 5/28/97

Subscribed and sworn to before me this 28th day of May, 19 97.

Notary Public Lisa Thimmesch

Date Commission Expires _____

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)

LISA THIMMESCH
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 8-29-99

Operator Name Ritchie Exploration, Inc. Lease Name Denio "P" Well # 2

Sec. 5 Twp. 10 Rge. 24W
 East
 West

County Graham

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

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

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	2011'-3105'	60/40 pcz	400	2% CC

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
		3846'-4000'	L/KC		
	CIBP @ 3700'				

TUBING RECORD	Size <u>2 3/8"</u>	Set At <u>4056'</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. <u>4-3-97</u>	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil <u>5</u> Bbls.	Gas <u> </u> Mcf	Water <u>21.5</u> Bbls.	Gas-Oil Ratio <u> </u> Gravity <u> </u>

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled 3846'-4000'

Production Interval: 3846'-4000'

Other (Specify) _____

15-065-20976-00-01

ALLIED CEMENTING CO., INC. 8419

Federal Tax I.D.#

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

ORIGINAL

SERVICE POINT:
Russell

DATE <u>3-26-97</u>	SEC.	TWP.	RANGE	CALLED OUT <u>6:00AM</u>	ON LOCATION <u>8:15AM</u>	JOB START <u>8:30AM</u>	JOB FINISH <u>2:00PM</u>
LEASE <u>Denio</u>	WELL # <u>P-2</u>	LOCATION <u>Wakeeney-Redline</u>		<u>9W 1/2S</u>	<u>GRAHAM</u>	STATE <u>KANSAS</u>	
OLD OR NEW (Circle one) <u>OLD</u>				<u>1/2 E</u>			

CONTRACTOR Express Well Service
 TYPE OF JOB Squeeze
 HOLE SIZE _____ T.D. _____
 CASING SIZE 5 1/2 DEPTH _____
 TUBING SIZE 2 3/8 DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL Express set down DEPTH 2011'
 PRES. MAX 1,000# MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERES. Holes Communicated @ 3105-2101
 DISPLACEMENT _____

OWNER _____
 CEMENT
 AMOUNT ORDERED 250 SK 60/40
3% cc on side
 COMMON 150 SK @ 6.10 915.00
 POZMIX 100 SK @ 3.15 315.00
 GEL _____ @ _____
 CHLORIDE 2 SK @ 28.00 56.00
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 HANDLING 250 SK @ 1.05 262.50
 MILEAGE 55 Tow Mile @ .04 550.00

EQUIPMENT
 PUMP TRUCK CEMENTER Shi
 # 177 HELPER Will RELEASED
 BULK TRUCK
 # 213 DRIVER Don SEP 16 1998
 BULK TRUCK 9-16-1998
 # _____ DRIVER _____ FROM CONFIDENTIAL

TOTAL 2098.50

REMARKS:
RAN Packer To 3105 & Spot 135 SK cement
Pulled up to 2011' & Circulated Hole
CLEAN. Set Packer & Mixed Another 115 SK
2% cc. Staged & Squeezed. Released Packer
& Washed Around. Pulled 5 JTS & Pressured
To 500#. SHUT IN.
THANKS

SERVICE
 DEPTH OF JOB _____
 PUMP TRUCK CHARGE _____ 1030.00
 EXTRA FOOTAGE _____ @ _____
 MILEAGE _____ @ _____ NC.
 PLUG _____ @ _____
 _____ @ _____
 _____ @ _____

CHARGE TO: RITCHIE EXPLORATION
 STREET 125 N Market # 1000
 CITY Wichita STATE Kansas ZIP _____

TOTAL 3128.50
 15% DISCOUNT → 469.27
 FLOAT EQUIPMENT (2659.23)
 + TAX

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 [Signature]

TOTAL _____
 TAX _____
 TOTAL CHARGE _____
 DISCOUNT _____ IF PAID IN 30 DAYS
 PRINTED NAME _____

15-065-20976-00-01

ALLIED CEMENTING CO., INC. 8418

Federal Tax I.D.#

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

ORIGINAL

SERVICE POINT: Russell

DATE <u>3-25-97</u>	SEC.	TWP.	RANGE	CALLED OUT <u>7:00 AM</u>	ON LOCATION <u>8:45 AM</u>	JOB START <u>9:00 AM</u>	JOB FINISH <u>6:00 PM</u>
LEASE <u>Denio</u>	WELL# <u>P-2</u>	LOCATION <u>Redline @ Wakeeney</u>			<u>9W 1 1/2 S</u>	COUNTY <u>GRAHAM</u>	STATE <u>KANSAS</u>
OLD OR NEW (Circle one)				<u>Y2E</u>			

CONTRACTOR Express

TYPE OF JOB Hunt Holes (Squeeze)

HOLE SIZE _____ T.D. _____

CASING SIZE 5 1/2 DEPTH _____

TUBING SIZE 2 3/8 DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL Express (Set Down) DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. Holes @ 3105-2101 COMMUNICATED

DISPLACEMENT Together

OWNER _____

CEMENT AMOUNT ORDERED 250 SK 69/40
(3% CC ON SIDE)
DID NOT USE
TICKET # 8419
HAND-MITAGE

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

HANDLING _____ @ _____

MILEAGE RELEASED
9-16-1998
SEP 16 1998

TOTAL _____

EQUIPMENT

PUMP TRUCK CEMENTER John

197 HELPER Will

BULK TRUCK

213 DRIVER Devin

BULK TRUCK

_____ DRIVER _____

REMARKS:

FROM CONFIDENTIAL SERVICE

Perm Plug @ 3700' Set Parker 3561' & Test Tool's
to 1300' (Held). Came up & found
communicated Holes From 3105
to 2101. Took INJECTION RATE OF
2 1/2 BPM @ 1,000#.

THANKS

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____ 550.00

EXTRA FOOTAGE _____ @ _____

MILEAGE 55 mile @ 2.85 156.75

PLUG _____ @ _____

_____ @ _____

_____ @ _____

CHARGE TO: RITCHIE EXPLORATION

STREET 125 N Market # 1000

CITY Wichita STATE Kansas ZIP 67202

TOTAL 706.75
15% Discount 106.01
(600.74)
+ TAX

FLOAT EQUIPMENT

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 [Signature]

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME _____

ALLIED CEMENTING CO., INC.

5435

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

ORIGINAL

SERVICE POINT: R

DATE <u>3/27/97</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>Denio</u>	WELL # <u>p-2</u>	LOCATION <u>Wabeony N to Redline</u>			COUNTY <u>Graham</u>	STATE <u>Ks</u>	

OLD OR NEW (Circle one)

CONTRACTOR Express Well Service

TYPE OF JOB Squeez

HOLE SIZE _____ T.D. _____

CASING SIZE _____ DEPTH _____

TUBING SIZE 2" DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL Express DEPTH 2042

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. Note @ 2128

OWNER Same

CEMENT

AMOUNT ORDERED 150⁶⁰ 40 2/00 CC

COMMON	<u>90</u>	@	<u>6.10</u>	<u>549.00</u>
POZMIX	<u>60</u>	@	<u>3.15</u>	<u>189.00</u>
GEL		@		
CHLORIDE	<u>3</u>	@	<u>28.00</u>	<u>84.00</u>
		@		
		@		
		@		
		@		
HANDLING		@	<u>1.05</u>	<u>157.50</u>
MILEAGE	<u>44 / Ser / Mile</u>			<u>330.00</u>

EQUIPMENT

153 PUMP TRUCK CEMENTER Dave

_____ HELPER Mark

BULK TRUCK _____ DRIVER _____

_____ DRIVER Darin

RELEASED TOTAL 1309.50

REMARKS:

Injection Rate @ 2.881 @
800 psi, mixed cement staged
& squeezed @ 1100 psi Wash around
fool pulled 5 JTs shut in @
500 psi

SEP 16 1998
9-16-1998 FROM CONFIDENTIAL

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>550.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>55</u>	@	<u>2.85</u> <u>156.75</u>
PLUG		@	
		@	
		@	

TOTAL 706.75

CHARGE TO: Ritchie Exploration

STREET 125 N. Market # 1000

CITY Winchester STATE Kansas ZIP 67202

FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		

TOTAL _____

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

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 _____

6-4-1997
6-4-1997
6-4-1997