

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 4767
Name: Ritchie Exploration, Inc.
Address: P.O. Box 783188
City/State/Zip: Wichita, KS 67278-3188
Purchaser: Equiva Trading
Operator Contact Person: John Niernberger
Phone: () 316-691-9500
Contractor: Name: Murfin Drilling, Co.
License: _____
Wellsite Geologist: Jeff Christian

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/Re-entry: Old Well Info as follows:

Operator: _____
Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____

9/22/00 10/1/00 10/17/00
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 153-20819-00-00
County: Rawlins
W 2 - W 2 NW Sec. 29 Twp. 5 S. R. 36 East West
3960 feet from N (circle one) Line of Section
330 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Briney Trust "B" Well #: 2
Field Name: Tovrea NE
Producing Formation: Lower Altamont
Elevation: Ground: 3299' Kelly Bushing: 3304'
Total Depth: 4740' Plug Back Total Depth: 4711'
Amount of Surface Pipe Set and Cemented at 333 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 ACT 1 DPW 5-7-01
(Data must be collected from the Reserve Pit)

Chloride content 2400 ppm Fluid volume _____ bbls
Dewatering method used evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
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 of 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: Production Manager Date: 2/9/01

Subscribed and sworn to before me this 9th day of February

2001
Notary Public: Karen Hopper

Date Commission Expires: 10/27/03

KAREN HOPPER
Notary Public - State of Kansas
My Appt. Expires 10/27/03

KCC Office Use ONLY
 Letter of Confidentiality Attached
 If Denied, Yes Date: 2-14-01 DPW
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
KCC

Operator Name: Ritchie Exploration, Inc. Lease Name: Briney Trust "B" Well #: 2

Sec. 29 Twp. 5 S. R. 36 East West County: Rawlins

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

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:
 Radiation Guard Log

Log Formation (Top), Depth and Datum Sample

Name Top Datum

See attached

CASING RECORD <input checked="" 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	# Sacs Used	Type and Percent Additives
surface	12 1/4"	8 5/8"	23#	333'	60/40 poz	200	2% gel, 3% cc
production	7 7/8"	5 1/2"	14#	4736'	common	140	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
4	4532' - 4534'	850 gals. 15% NE	Lwr Altamont

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 7/8"	4684'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.			Producing Method		
10/17/00			<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 Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	30		11		36

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

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled

Production Interval Other (Specify) _____



ORIGINAL

#2 Briney Trust "B"
 W/2 W/2 NW
 Section 29-5S-36W
 Rawlins County, Kansas
 API# 15-153-20819

RECEIVED
 STATE CORPORATION COMMISSION

FEB 12 2001

CONSERVATION DIVISION
 Wichita, Kansas

Sample Tops			Ref. Well	Electric Log Tops			Ref. Well
Stone Corral	2999	+305	-8	Stone Corral	2998	+306	-7
B/SC	3040	+264	-4	B/SC	3039	+265	-3
Wabaunsee	3855	-551	-7	Wabaunsee	3854	-550	-6
Topeka	4002	-698	-7	Topeka	4000	-696	-5
Heebner	4139	-835	-5	Heebner	4134	-833	-3
Lansing	4192	-888	-5	Lansing	4190	-886	-3
Stark	4390	-1086	-8	Stark	4391	-1087	-9
B/KC	4463	-1159	-6	B/KC	4464	-1160	-7
Marmaton	4476	-1172	-3	Marmaton	4478	-1174	-5
Upr Altamont	4509	-1205	-8	Upr Altamont	4508	-1204	-7
Lwr Altamont	4531	-1227	-8	Lwr Altamont	4531	-1227	-8
Pawnee	4562	-1258	-8	Pawnee	4562	-1258	-8
Myrick Station	4607	-1303	-8	Myrick Station	4610	-1306	-11
Fort Scott	4628	-1324	-9	Fort Scott	4628	-1324	-9
Cherokee	4651	-1347	-7	Cherokee	4653	-1349	-9
RTD	4740	-1436		LTD	4739	-1435	

9/29/00 DST #1 4461' to 4514' (Upr Alt)

Recovered 3' of mud

IFP: 55-44#/30" ISIP: 66#/30"

FFP: 55-44#/30" FSIP: 55#/30"

Pipe strap indicates that we are 3.55' structurally higher than our sample tops indicate. No correction has been made.

DST #2 4515' to 4540' (Lwr Alt)

Recovered 960' of gas in pipe; 180' of clean gassy oil (35% gas, 65% oil); 240' of mud cut gassy oil (20% gas, 50% oil, 30% mud); 120' of water and mud cut gassy oil (20% gas, 35% oil, 20% mud, 25% water); 300' of oil cut gassy water

ORIGINAL

(10% gas, 5% oil, 85% water); 840' of total fluid (23.2% gas, 45% oil, 12.7% mud, 19.1% water).

IFP: 100-244#/45" ISIP: 1275#/45"

FFP: 288-355#/45" FSIP: 1231#/45"

9/30/00 DST #3 4547' to 4590' (Pawnee)

Recovered 2' of mud with oil spots

IFP: 55-55#/30" ISIP: 66#/30"

FFP: 55-55#/30" FSIP: 66#/30"

ALLIED CEMENTING CO., INC. 5494

Federal Tax I.D.# XXXXXXXXXX

ORIGINAL

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

SERVICE POINT:
Oakley

DATE <u>9-22-00</u>	SEC. <u>29</u>	TWP. <u>5 S</u>	RANGE <u>36 W</u>	CALLED OUT	ON LOCATION <u>10:15 PM</u>	JOB START	JOB FINISH <u>12:15 AM</u>
LEASE <u>Briney Trust</u>	WELL # <u>2</u>	LOCATION <u>Brewster 14N-1W-16N</u>			COUNTY <u>Bartlesville</u>	STATE <u>Kan</u>	
OLD OR NEW (Circle one) <u>NEW</u>							

CONTRACTOR <u>MucFin Drilling Co #3</u>	OWNER <u>Same</u>
TYPE OF JOB <u>Surface</u>	
HOLE SIZE <u>12 1/4</u>	T.D. <u>333'</u>
CASING SIZE <u>8 5/8</u>	DEPTH <u>333'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>15'</u>	
PERFS.	
DISPLACEMENT	

CEMENT			
AMOUNT ORDERED	<u>200 SKS COM</u>		
	<u>3% cc - 2% cel</u>		
COMMON	<u>200 SKS</u>	@ <u>7.55</u>	<u>1,510.00</u>
POZMIX		@	
GEL	<u>4 SKS</u>	@ <u>9.50</u>	<u>38.00</u>
CHLORIDE	<u>7 SKS</u>	@ <u>28.00</u>	<u>196.00</u>
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>200 SKS</u>	@ <u>1.05</u>	<u>221.55</u>
MILEAGE	<u>44 per SK mile</u>		<u>447.32</u>

EQUIPMENT

PUMP TRUCK	CEMENTER	<u>Walt</u>
# <u>102</u>	HELPER	<u>Walt</u>
BULK TRUCK		
# <u>218</u>	DRIVER	<u>Andrew</u>
BULK TRUCK		
#	DRIVER	

TOTAL 2,412.87

RECEIVED
CONSERVATION DIVISION
FEB 12 2001
CORPORATION COMMISSION

REMARKS:

Cement in Cellar

Walt

SERVICE

DEPTH OF JOB		
PUMP TRUCK CHARGE		<u>470.00</u>
EXTRA FOOTAGE	@	
MILEAGE <u>53-miles</u>	@ <u>3.00</u>	<u>159.00</u>
PLUG <u>8 5/8 Surface</u>	@	<u>45.00</u>
	@	
	@	

TOTAL 674.00

CHARGE TO: Ritchie Explorations, 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 Keith Van Put

PRINTED NAME _____

ALLIED CEMENTING CO., INC.

5405

Federal Tax I.D.# XXXXXXXXXX

ORIGINAL

SERVICE POINT:

Oakley

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

DATE <u>10-1-00</u>	SEC. <u>29</u>	TWP. <u>5s</u>	RANGE <u>36w</u>	CALLED OUT	ON LOCATION <u>8:00 PM</u>	JOB START <u>12:15 AM</u>	JOB FINISH <u>1:00 AM</u>
LEASE <u>Brihey Trust B</u>	WELL # <u>2</u>	LOCATION <u>Brewster 14N 1W 1/2 N</u>		COUNTY <u>Rawlins</u>	STATE <u>KS</u>		
OLD OR NEW (Circle one)							

CONTRACTOR Murfin Drlg Rig 3

TYPE OF JOB Long string

HOLE SIZE 7 7/8 T.D. 4740

CASING SIZE 5 1/2 DEPTH 4746

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT 26'

CEMENT LEFT IN CSG. 26'

PERFS.

OWNER Same

CEMENT

AMOUNT ORDERED 150 sks 60/40 poz 102 salt
570 Gilsomite 290 Gel
500 gals WFR2

DISPLACEMENT 117 Bbls

COMMON	<u>90</u> sks	@	<u>7.55</u>	<u>679.50</u>
POZMIX	<u>60</u> sks	@	<u>3.25</u>	<u>195.00</u>
GEL	<u>3</u> sks	@	<u>9.50</u>	<u>28.50</u>
CHLORIDE		@		
<u>Salt</u>	<u>13</u> sks	@	<u>7.00</u>	<u>91.00</u>
<u>Gilsomite</u>	<u>645</u> #	@	<u>4.14</u>	<u>264.45</u>
<u>WFR-2</u>	<u>500</u> gal	@	<u>1.00</u>	<u>500.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Dean

191 HELPER Terry

BULK TRUCK

218 DRIVER Jason

BULK TRUCK

DRIVER

HANDLING	<u>130</u> sks	@	<u>1.05</u>	<u>180.00</u>
MILEAGE	<u>48</u> per sk/mile			<u>364.64</u>

TOTAL 2,303.69

REMARKS:

SERVICE

Plug Rat Hole w/10 sks

Floet did Hold

Thank you

DEPTH OF JOB	<u>4720'</u>			
PUMP TRUCK CHARGE				<u>1,080.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>53</u> miles	@	<u>3.00</u>	<u>159.00</u>
PLUG	<u>5 1/2</u> Rubber	@		<u>50.00</u>

TOTAL 1,289.00

CHARGE TO: Ritchie Expl Inc

STREET _____

CITY _____ STATE _____ ZIP _____

5 1/2 FLOAT EQUIPMENT

<u>Insert</u>	@	<u>150.00</u>
<u>Guide shoe</u>	@	<u>235.00</u>
<u>6 Turbo Centralizer</u>	@	<u>60.00</u>
	@	<u>360.00</u>

TOTAL 745.00

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 _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE 

PRINTED NAME