

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

3-7-09

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 4767
Name: Ritchie Exploration, Inc.
Address: P.O. Box 783188
City/State/Zip: Wichita, KS 67278-3188
Purchaser: Plains Marketing
Operator Contact Person: John Niernberger
Phone: (316) 691-9500
Contractor: Name: Murfin Drilling, Inc.
License: 30606
Wellsite Geologist: Jeff Christian

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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. _____
11/13/06 11/23/06 11/23/06
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 137-20460-0000
County: Norton
approx. W/2 NE SE Sec. 33 Twp. 5S S. R. 22 East West
2040 feet from S N (circle one) Line of Section
850 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Minks 33AD Well #: 1
Field Name: _____
Producing Formation: LKC
Elevation: Ground: 2360 Kelly Bushing: 2365
Total Depth: 3920 Plug Back Total Depth: 3893
Amount of Surface Pipe Set and Cemented at 260 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1959 Feet
If Alternate II completion, cement circulated from 1959
feet depth to surface w/ 275 sx cmt.

Drilling Fluid Management Plan AHJNH 10808
(Data must be collected from the Reserve Pit)
Chloride content 26000 ppm Fluid volume 950 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: _____
Title: Production Manager Date: 3/6/07
Subscribed and sworn to before me this 6th day of March,
2007.
Notary Public: Debra K. Phillips
Date Commission Expires: 5/4/07

DEBRA K. PHILLIPS
Notary Public - State of Kansas
My Appt. Expires 5/4/07

KCC Office Use ONLY
4 Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
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Operator Name: Ritchie Exploration, Inc. Lease Name: Minks 33AD Well #: 1
 Sec. 33 Twp. 5S S. R. 22 East West County: Norton

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)

Log Formation (Top), Depth and Datum Sample
 Name Top Datum

SEE ATTACHED

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List All E. Logs Run:

Radiation Guard Log
 Correlation Log

CASING RECORD <input checked="" 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	24	260	common	175	3%cc, 2% gel
Production	7-7/8	5-1/2	15.5	3916	60/40 pozmix	150	10% salt, 2% gel, 3/4% CD-31

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD				
___ 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	3707.8' - 3712.3', 3677.5 - 3683, 3609.5 - 3612.5, 3562' - 3567'	1500 gals 15% NE	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-3/8	3871'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.			Producing Method		
12/18/06			<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
	87.75		47.25		35.4

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) _____

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#1 Minks 33AD

2040' FSL & 850' FEL

60'N & 140'E of W/2 NE SE Section 33-5S-22W

Norton County, Kansas

API# 15-137-20460-0000

Elevation: 2360' GL: 2365' KB

<u>Sample Tops</u>			<u>Ref.</u> <u>Well</u>
Anhydrite	1986'	+379	flat
B/Anhydrite	2016'	+349	flat
Topeka Limestone	3329'	-964	+7
Queen Hill Shale	3475'	-1110	+7
Heebner	3523'	-1158	+9
Toronto	3548'	-1183	+9
Lansing "A"	3563'	-1198	+9
Lansing "C"	3595'	-1230	+8
Lansing "D"	3611'	-1246	+8
Lansing "H"	3678'	-1313	+7
Lansing "J"	3709'	-1344	+7
BKC	3750'	-1385	+8
Arbuckle	3840'	-1475	NA
RTD	3920'	-1555	

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ALLIED CEMENTING CO., INC. 25156

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

SERVICE POINT:
OAKLEY

DATE <u>11-23-66</u>	SEC <u>33</u>	TWP <u>55</u>	RANGE <u>22W</u>	CALLED OUT	ON LOCATION <u>4:00 AM</u>	JOB START <u>8:30 AM</u>	JOB FINISH <u>9:30 AM</u>
LEASE <u>MURKS 33A0</u>	WELL # <u>1</u>	LOCATION <u>HILL CITY 14N-23E 1/2N-W 1/4</u>	COUNTY <u>NORTON</u>	STATE <u>KS</u>			

OLD OR NEW (Circle one)

CONTRACTOR MURKIN DRILL REC #3 OWNER SAME

TYPE OF JOB Production string

HOLE SIZE 7 7/8" T.D. 3920 CEMENT AMOUNT ORDERED 165 SKS 60/40 P2 10% SALT 28.6 EL 3/4 OF 1% CO-31

CASING SIZE 5 1/2" DEPTH 3915' 500 GAL WFR-2

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL PORT COLLAR DEPTH 1960'

PRES. MAX MINIMUM COMMON 99 SKS @ 12.20 1207.80

MEAS. LINE SHOE JOINT 19.86' POZMIX 66 SKS @ 6.19 462.60

CEMENT LEFT IN CSG. 19.86' GEL 3 SKS @ 16.65 49.95

PERFS. CHLORIDE @

DISPLACEMENT 92 3/4 BALS ASC @

EQUIPMENT

PUMP TRUCK CEMENTER TERRY
422 HELPER WAYNE

BULK TRUCK # 218 DRIVER LARRY

BULK TRUCK # DRIVER

SALT 8 SKS CWT @ 19.20 153.60

CD-31 106 # @ 7.50 795.00

WFR-2 500 GAL @ 1.00 500.00

HANDLING 178 SKS @ 1.92 338.20

MILEAGE 94 PER SK / MILE 1441.80

TOTAL 4888.95

REMARKS:

MIX 500 GAL WFR-2. MIX 15 SKS CEMENT RTT HOLE #90 MIX 150 SKS 60/40 P02 10% SALT 28.6 EL 3/4 OF 1% CO-31. WASH TRUCK LINES. DESPLACE 92 3/4 BAL WATER. PLUG LAID AT 1400 PSI. FLOAT HEIC

THANK YOU

CHARGE TO: RITCHIE EXPLORATION, INC.

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB 3915'

PUMP TRUCK CHARGE 1610.00

EXTRA FOOTAGE @

MILEAGE 90 ME @ 6.00 540.00

MANIFOLD @

HEAD RENTAL @ 100.00

ROTATING HEAD @ 100.00

TOTAL 2350.00

5 1/2" PLUG & FLOAT EQUIPMENT

1- GUIDE SHOE 160.00

1- AFU INSERT @ 250.00

7- TURBO CENTRALIZERS @ 60.00 420.00

2- BASKET @ 150.00 300.00

1- PORT COLLAR @ 175.00

1- RUBBER PLUG @ 65.00

TOTAL 2945.00

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.

SIGNATURE Thomas A. Adams

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME _____

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ALLIED CEMENTING CO., INC.

25776

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

SERVICE POINT:

Ogkley

DATE <u>11-13-06</u>	SEC <u>33</u>	TWP. <u>S5</u>	RANGE <u>22W</u>	CALLED OUT	ON LOCATION <u>10:00 AM</u>	JOB START <u>1:00 PM</u>	JOB FINISH <u>1:30 PM</u>
LEASE <u>175 SKS 33AD</u>	WELL # <u>1</u>	LOCATION <u>Hill City 14 N 2 3/4 E 22 W</u>			COUNTY <u>Norton</u>	STATE <u>Ks</u>	
OLD OR <u>NEW</u> (Circle one)				<u>W/S</u>			

CONTRACTOR Mullin Drig Rig 3 OWNER Same

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 260' CEMENT AMOUNT ORDERED 175 SKS CCM 3900 270 GEL

CASING SIZE 9 5/8 DEPTH 260'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM COMMON 175 SKS @ 12.20 2135.00

MEAS. LINE SHOE JOINT POZMIX @

CEMENT LEFT IN CSG. 15' GEL 3 SKS @ 16.65 49.95

PERFS. CHLORIDE 6 SKS @ 46.60 279.60

DISPLACEMENT 1.5% ASC @

EQUIPMENT

PUMP TRUCK CEMENTER Dean

373-291 HELPER Andrew

BULK TRUCK

218 DRIVER Mike

BULK TRUCK

DRIVER

HANDLING 184 SKS @ 1.90 349.60

MILEAGE 94 SK/mile 1606.32

TOTAL 4420.47

REMARKS:

Cement did circulate

SERVICE

DEPTH OF JOB 260'

PUMP TRUCK CHARGE 815.00

EXTRA FOOTAGE @

MILEAGE 97 miles @ 6.00 582.00

MANIFOLD @

TOTAL 1397.00

CHARGE TO: Ritchie Exploration

STREET

CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

8 3/8 Surface Plug @ 60.00

TOTAL 60.00

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 Keith VanSledright

PRINTED NAME

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ALLIED CEMENTING CO., INC. 28550

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

SERVICE POINT:
Oakley

DATE <u>11-28-06</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>10:45 AM</u>	JOB START <u>11:30 AM</u>	JOB FINISH <u>12:15 PM</u>
LEASE <u>Minks</u>	WELL # <u>33 A51</u>	LOCATION <u>Hill City, 14N-2745-KAN-WIS</u>			COUNTY <u>Norton</u>	STATE <u>Kan</u>	
OLD OR NEW (Circle one)							

CONTRACTOR Express Well Service OWNER Same

TYPE OF JOB Port Celler
 HOLE SIZE _____ T.D. _____ CEMENT _____
 CASING SIZE 5 1/2 DEPTH _____ AMOUNT ORDERED 325 sks 60# paper, 6% lat
 TUBING SIZE _____ DEPTH _____ 1/2" Flo-Seal
 DRILL PIPE _____ DEPTH _____ (Used 275 sks)
 TOOL Port Celler DEPTH 1958'

PRES. MAX _____ MINIMUM _____ COMMON 165- sks @ 12.20 2,013.00
 MEAS. LINE _____ SHOE JOINT _____ POZMIX 110- sks @ 6.10 671.00
 CEMENT LEFT IN CSG. _____ GEL 14- sks @ 16.65 233.10
 PERFS. _____ CHLORIDE _____ @ _____
 DISPLACEMENT _____ ASC _____ @ _____

EQUIPMENT
 PUMP TRUCK CEMENTER Walt
 # 102 HELPER Kelly
 BULK TRUCK _____ @ _____
 # 399 DRIVER Alan
 BULK TRUCK _____ @ _____
 # _____ DRIVER _____ @ _____

REMARKS: _____ HANDLING 345- sks @ 1.90 655.50
 MILEAGE 90 pm sk/mile 2,794.50
 TOTAL 61,805.10

Test casing @ 1200', Hold open top, pump into @ 600', have blow mixed 275 sks cement Circ cement to surface Displace 980L, shut tool, test to 1200', Hold, reverse clean Thank You

SERVICE
 DEPTH OF JOB _____
 PUMP TRUCK CHARGE 955.00
 EXTRA FOOTAGE @ _____
 MILEAGE 90-miles @ 6.00 540.00
 MANIFOLD @ _____
 @ _____
 @ _____

CHARGE TO: Ritchie Explorations
 STREET _____ TOTAL 1,495.00
 CITY _____ STATE _____ ZIP _____

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 Thanks AAA
 TAX _____
 TOTAL CHARGE _____
 DISCOUNT _____ IF PAID IN 30 DAYS

PLUG & FLOAT EQUIPMENT
 @ _____
 @ _____
 @ _____
 @ _____
 @ _____
 TOTAL _____

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March 7, 07
~~April 24, 2006~~

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State Corporation Commission
Conservation Division
130 S. Market, Room 2078
Wichita, KS 67202

RE: #1 Minks 33AD
Sec. 33-5S-22W
Norton County, Kansas

To Whom It May Concern:

Enclosed please find an ACO-1 for the above referenced well. The required attachments have also been enclosed. Ritchie Exploration, Inc. would like for this to be held confidential for the maximum allowable time.

If you have any questions, please feel free to call the undersigned or John Niernberger at 316-691-9500. Thank you for all of your help in this matter.

Sincerely,

Debbie Phillips
Accounting Supervisor

dkp

Enclosures

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