

Rec'd 8-8-90 ORIGINAL

RELEASED
CONFIDENTIAL
SEP 9 1992

SIDE ONE

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

Operator: License # 4767
Name: Ritchie Exploration, Inc.
Address 125 N. Market, Suite 1000

City/State/Zip Wichita, KS 67202
Purchaser: n/a
Operator Contact Person: Bob Mathiesen
Phone (316) 267-4375

Contractor: Name: Murfin Drilling Co.
License: 6033
Wellsite Geologist: Jeff Christian

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp. Abd.
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)

If OWO: old well info as follows:
Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____

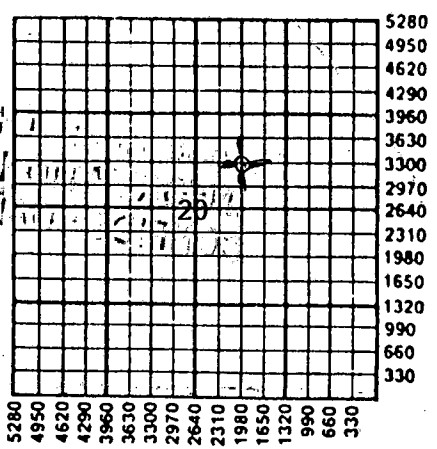
Drilling Method:
 Mud Rotary Air Rotary Cable
6/25/90 7/04/90 7/05/90
Spud Date Date Reached TD Completion Date

API NO. 15- 179-20,965-00-00 FROM CONFIDENTIAL

County Sheridan
C SW NE Sec. 20 Twp. 9 Rge. 30 East West
3300 Ft. North from Southeast Corner of Section
1980 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Lease Name Baalman Well # 1
Field Name wildcat
Producing Formation n/a
Elevation: Ground 2888' KB 2893'
Total Depth 4240' PBD n/a

PLEASE KEEP THIS INFORMATION CONFIDENTIAL



5280
4950
4620
4290
3960
3630
3300
2970
2640
2310
1980
1650
1320
990
660
330
A 17 II D & A

Amount of Surface Pipe Set and Cemented at 257' 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.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 8/06/90
Subscribed and sworn to before me this 6th day of August,
19 90.
Notary Public Linda K. Rice
Date Commission Expires 6/07/92

LINDA K. RICE
NOTARY PUBLIC
STATE OF KANSAS
My Appl. Exp. 6-7-92

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

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SIDE TWO

Operator Name Ritchie Exploration, Inc. Lease Name Baalman Well # 1

Sec. 20 Twp. 9S Rge. 30 East West County Sheridan

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.)

See attached page.

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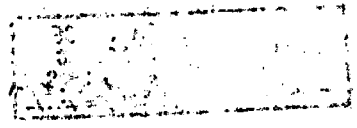
Formation Description		
Name	Top	Bottom
Anhydrite		2487' (+ 406)
B/Anhydrite		2519' (+ 374)
Topeka		3696' (- 803)
Heebner		3912' (-1019)
Toronto		3934' (-1041)
Kansing		3950' (-1057)
B/KC		4220' (-1327)
LTD		4239' (-1346)

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"	28#	257'	60/40 poz	190	2% gel, 3% CC
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used) Depth			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Size	Set At	Packer At					
Date of First Production	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 Perforation Dually Completed Commingled Other (Specify) _____

Production Interval _____



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Ritchie Exploration, Inc.
#4767
#1 Baalman
C SW NE
Section 20-9S-30W
Sheridan County, Kansas

FROM CONFIDENTIAL

ACO-1 form

Page 2

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DRILL STEM TESTS:

DST #1 from 3912' to 3970' (Toronto & L/KC "A" zone). Recovered 1,861' of salt water, no show of oil.
IFP:130-527#/30"; ISIP:1268#/30";
FFP:587-841#/30"; FSIP:1253#/30".

DST #2 from 3968' to 4005' (L/KC "C" & "D" zones). Recovered 153' of watery mud with a few oil spots.
IFP:45-60#/30"; ISIP:1334#/45";
FFP:83-95#/30"; FSIP:1328#/45".

DST #3 from 4070' to 4110' (L/KC "H" zone). Recovered 46' of mud with a scum of oil and 1,223' of salt water.
IFP:112-470#/30"; ISIP:1365#/30";
FFP:530-712#/30"; FSIP:1365#/30".

DST #4 from 4107' to 4165' (L/KC "I" & "J" zones). Recovered 5' of mud, no show of oil.
IFP:35-35#/30"; ISIP:52#/30";
FFP:40-40#/30"; FSIP:52#/30".

DST #5 from 4020' to 4056' with straddle packers (L/KC "E" & "F" zones). Recovered 123' of muddy water with a scum of oil.
IFP:39-51#/30"; ISIP:1215#/30";
FFP:68-79#/30"; FSIP:1116#/30".

TELEPHONE:
AREA CODE 913 483-2627

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31

RUSSELL, KANSAS 67665

15-179-20965-00-00

ORIGINAL 2003

100 1522

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SEP 09 1992

TO: Ritchie Exploration Inc.

INVOICE NO. 56837
FROM CONFIDENTIAL

125 N. Market #1000

PURCHASE ORDER NO. _____

Wichita, Kansas 67202

LEASE NAME Baalman #1

0502001

DATE June 26, 1990

SERVICE AND MATERIALS AS FOLLOWS:

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Common 114 sks @\$5.00
Pozmix 76 sks @\$2.25
Chloride 6 sks @\$20.00

\$ 570.00
171.00
120.00

\$ 861.00

Handling 190 sks @\$0.90
Mileage (18) @\$0.03c per sk per mi
Surface
M1 @\$1.00 pmp. trk.
1 plug

171.00
102.60
360.00
18.00
71.00

722.60

Cement circ.

6100.0274 = Total

\$ 1,583.60

1001655

3820 // 70 (316.72)

1766

JUL 02 1990

THANK YOU

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½% Charged Thereafter.

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SEP 9 1992

15-179-20965-00-00

CONFIDENTIAL

FROM CONFIDENTIAL

TELEPHONE:
AREA CODE 913 483-2627

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31
RUSSELL, KANSAS 67665

JUL 26

1527

07013

TO: Ritchie Exploration Inc.
125 N. Market #1000
Wichita, Kansas 67202

INVOICE NO. 56896
PURCHASE ORDER NO. _____
LEASE NAME Baalman #1
DATE July 5, 1990

W-0502001

SERVICE AND MATERIALS AS FOLLOWS:

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DC # 1.1

Common 114 sks @\$6.00
Pozmix 76 sks @\$2.40
Gel 7 sks @\$6.75

\$ 684.00
182.40
47.25

\$ 913.65

Handling 190 sks @\$0.90
Mileage (18) @\$0.03c per sk per mi
Plugging
Mi @\$1.00 pmp. trk.
1 plug

171.00
102.60
360.00
18.00
20.00

671.60

6100-0240 Total

\$ 1,585.25

25 sks. @2510'
100sks. @1640'
40 sks. @ 310'
10 sks. @ 40'
15 sks. in R. H.

3520/10
less 2090 (31405)
JUL 10 1990
Maiter - 1.5 per

THANK YOU

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1 1/2 % Charged Thereafter.