

SIDE ONE

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

ORIGINAL

API NO. 15- 065-22,622-0000 MAY 8

County Graham

SE SE NE Sec. 15 Twp. 6S Rge. 23 East West

2970 Ft. North from Southeast Corner of Section

330 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

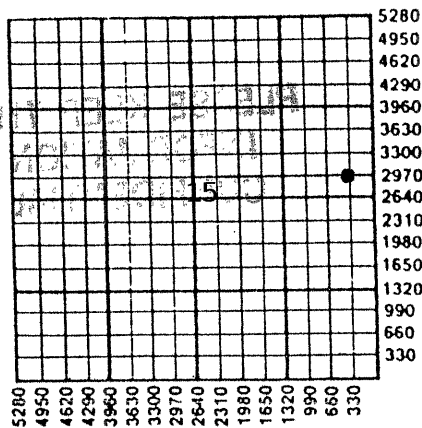
Lease Name Schuck-15AD Well # 1

Field Name wildcat

Producing Formation Lansing

Elevation: Ground 2379' KB 2384'

Total Depth 3830' PBSD n/a



Operator: License # 4767

Name: Ritchie Exploration, Inc.

Address 125 N. Market, Suite 1000

City/State/Zip Wichita, KS 67202

Purchaser: Koch Oil Co.

Operator Contact Person: Jeff Christian

Phone (316) 267-4375

Contractor: Name: Murfin Drilling Co.

License: 30606

Wellsite Geologist: Bob Mathiesen

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

If OWO: old well info as follows:

Operator: **RELEASED**

Well Name: _____

Comp. Date 6-19-93 Old Total Depth _____

Drilling Method: Mud Rotary Air Rotary Cable

3/06/91 3/13/91 4/11/91

Spud Date Date Reached TD Completion Date

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

RECEIVED
MAY 16 1991
5-16-91
KANSAS CORPORATION COMMISSION
DIVISION
Wichita, Kansas

FROM CONFIDENTIAL

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 5/03/91

Subscribed and sworn to before me this 3rd day of May, 19 91.

Notary Public [Signature]

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)

P1

Operator Name Ritchie Exploration, Inc. Lease Name Schuck-15AD Well # 1
 Sec. 15 Twp. 6S Rge. 23W 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 Yes No
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)

Formation Description
 Log Sample
 Name Top Bottom

(See attached page).

(See attached page).

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

CASING RECORD New 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#	246'	60/40 poz	185	2%gel, 3%CC
Production	7-7/8"	5 1/2"	15.5#	3828'	60/40 poz	125	10% salt

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
3 SSB	3682.3' to 3683.3'	500 gal. of 15% NE	3682.3'-83.3'
2 SSB	3613.5' to 3618'	750 gal. of 15% NE	3613'-18'
2 SSB	3613' to 3618'		

TUBING RECORD Size 2-7/8" Set At _____ Packer At _____
 Liner Run Yes No

Date of First Production 4/11/91 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil 60 Bbls. Gas Mcf Water 1 Bbls. Gas-Oil Ratio _____ Gravity _____

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

METHOD OF COMPLETION Open Hole Perforation Dually Completed Commingled
 Other (Specify) _____
 Production Interval 3682.3'-83.3'

ORIGINAL

RELEASED

KCC

MAY 8 1991

MAY 8

FROM CONFIDENTIAL/CONFIDENTIAL

Ritchie Exploration, Inc.
#4767
#1 Schuck-15AD
SE SE NE
Section 15-6S-23W
Graham County, Kansas
API# 15-065-22,622
ACO-1 form
Page 2

PLEASE KEEP THIS
INFORMATION
CONFIDENTIAL

DRILL STEM TESTS

DST #1 from 3569' to 3614' (Toronto)
Recovered 20' of free oil, 210' of
oil cut muddy water (20% oil, 50%
water, 30% mud), 480' of oil cut
muddy water (15% oil, 70% water, 15%
mud), 180' of slightly oil cut
water (5% oil, 95% water), and 1210'
of water. 2100' total fluid.
IFP:201-644/30"; ISIP:1229/30";
FFP:778-961/30"; FSIP:1219/30".

ELECTRIC LOG TOPS

Anhydrite	2056' (+ 328)
B/Anhydrite	2088' (+ 296)
Topeka	3377' (- 993)
Heebner	3573' (-1189)
Toronto	3598' (-1214)
Lansing	3613' (-1229)
B/KC	3803' (-1419)
LTD	3829' (-1445)

DST #2 from 3607' to 3632' (Top zone)
Recovered 960' of gas in pipe, 1280'
of clean gassy oil.
IFP:144-346/30"; ISIP:692/30";
FFP:413-509/30"; FSIP:692/30".

DST #3 from 3632' to 3674' (35' & 50'
zone). Recovered 2240' of muddy salt
water with slight scum of oil on top.
IFP:240-673#/30"; ISIP:1219#/30";
FFP:817-1004/30"; FSIP:1219#/30".

RECEIVED
STATE CORPORATION COMMISSION

MAY 16 1991

CONSERVATION DIVISION
Wichita, Kansas

DST #4 from 3670' to 3704' (70'-100'
zones). Recovered 335' of gas in pipe,
25' of free oil, 120' of oil cut
muddy water (10%oil, 40%mud, 50%water),
120' of slightly oil cut muddy water
(5%oil, 25%mud, 70%water), 1020' of
slightly oil cut water (5%oil, 95%water),
1015' of water. IFP:290-682#/30"; ISIP:1200#/30";
2300' total fluid FFP:836-1019#/30"; FSIP:1200#/30".

DST #5 from 3745' to 3830' (180'-220' zones). Recovered
80' of mud with a trace of oil.
IFP:96-96#/45"; ISIP:1200#/45";
FFP:105-105#/45"; FSIP:1124#/45".

TELEPHONE:
AREA CODE 913 483-2627

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31
RUSSELL KANSAS 67665-2003

RELEASED

OK/OC

TO: Ritchie Exploration Inc.

125 N. Market #1000

Wichita, Kansas 67202

MAY 8
CONFIDENTIAL
W. 7681501

INVOICE NO. 58973

FROM CONFIDENTIAL

PURCHASE ORDER NO.

LEASE NAME Schuck 15AD #1

DATE March 6, 1991

SERVICE AND MATERIALS AS FOLLOWS:

Common 111 sks @\$5.25 \$ 582.75
Pozmix 74 sks @\$2.25 166.50
Chloride 5 sks @\$21.00 105.00

PLEASE KEEP THIS
INFORMATION
CONFIDENTIAL

\$ 854.25

Handling 185 sks @\$1.00 185.00
Mileage (50) @\$0.04¢ per sk per mi 370.00
Surface 380.00
Mi @\$2.00 pmp. trk. 100.00
1 plug 73.00

1,108.00

If account CURRENT 20% discount will Total
be allowed ONLY if paid within 30 days
from date of invoice.

\$ 1,962.25

Cement circ.

6100.0270 = 1962.25
3820/70 = <392.45>

1569.80

copy to
file 3-21-91
SRS

MAR 12 1991

THANK YOU

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

DEPTH of Job	Reference #	Description	Amount
	#1	Pump truck - surface	380.00
	#13	mileage @ 1.00/mi	100.00
		1-8 3/8" rubber plug	73.00
		Sub Total	553.00
		Tax	
		Total	

Handling	01.00/sk. (185 sks)	185.00
Mileage	0.04¢/sk/mi. (50 mi)	370.00
Sub Total		1409.25
Total		

Remarks: Cement Circulated.

Floating Equipment
Thanks
RECEIVED
STATE CORPORATION COMMISSION
MAY 16 1991
CONSERVATION DIVISION
Wichita, Kansas

MAR 12 1991

TELEPHONE:
AREA CODE 913 483-2677

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31
RUSSELL KANSAS 67665

2003 ORIGINAL

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

KCC
MAY 8
CONFIDENTIAL

INVOICE NO. 59030
PURCHASE ORDER NO. JCN
W-7687501
Schuck 15 AD #1
DATE March 13, 1991

RELEASED

SERVICE AND MATERIALS AS FOLLOWS:

Common 90 sks @\$5.25 \$ 472.50
Pozmix 60 sks @\$2.25 135.00
Gilsonite 389#@\$33 128.37
Salt 15 sks @\$4.75 71.25
WFR II 500 gal @\$0.50 250.00

FROM CONFIDENTIAL

PLEASE KEEP THIS
INFORMATION
CONFIDENTIAL

Handling 150 sks @\$1.00 150.00
Mileage (50) @ \$0.04c per sk per mi 300.00
Production string 880.00
Ml @\$2.00 pmp. trk. 100.00
1 plug 45.00

*Smart production
string, 12000*

1-5 1/2" g. shoe 229.00
1 AFU 189.00
1 basket 127.00
6 cent. 276.00
1 p. collar 1785.00

If account CURRENT 20% discount will
be allowed ONLY if paid within 30 days
from date of invoice.

*- Cement
provided by -*

\$ 1,057.12

1,475.00

2,606.00

Total

\$ 5,138.12

MAR 26 1991

12000 * 270 = 2532.12
6500 * 0800 = 2606.00
3820 / 170 = 22.47
Float held

THANK YOU

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

MAR 18 1991

copy to Brenda 3-27-91

DEPTH of Job	MAR 26 1991	
Reference:	#1	Cumtruck-long string 880.00
	#12	sub... 100.00

Handling	1.00 / sk. (150 sks)	150.00
Mileage	2.04 / sk./mi. (50 mi)	300.00
Sub Total		1507.12

RECEIVED
STATE CORPORATION COMMISSION

MAY 16 1991

CONSERVATION DIVISION
Wichita, Kansas

TELEPHONE:
AREA CODE 913 483-2627

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31
RUSSELL, KANSAS 67665

MAR 01 1008348

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

KCC
MAY 8
CONFIDENTIAL

INVOICE NO. 59092
PURCHASE ORDER NO. _____
LEASE NAME SkSchuck 15AD#1
DATE Mar. 21, 1991

SERVICE AND MATERIALS AS FOLLOWS:

RELEASED

Common 155 sks @\$5.25	\$ 813.75	
Pozmix 155 sks @\$2.25	348.75	
Gel 11 sks. @\$6.75	74.25	\$ 1,236.75
FROM CONFIDENTIAL		
Handling 310 sks @\$1.00	310.00	
Mileage (48) @\$0.04¢ per sk per mi	607.60	
Pmp. trk. Chg.	475.00	
Mi @\$2.00 pmp. trk.	98.00	
		1,490.60

S. Tax 143.19

Total \$ 2,870.54

**PLEASE KEEP THIS
INFORMATION
CONFIDENTIAL**

THANK YOU

6110 = 2.11
200110 = (274.11)

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