

ORIGINAL

CONFIDENTIAL

RELEASED  
DEC 13 1991

SIDE ONE

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

API NO. 15- 135-23,523-00-00 **CONFIDENTIAL**

County Ness

NE SW NE Sec. 32 Twp. 16S Rge. 21  East  West

3630 Ft. North from Southeast Corner of Section

1650 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

Lease Name Irvin Well # 1-32

Field Name unnamed

Producing Formation none

Elevation: Ground 2294 KB 2301

Total Depth 4308' PBTD ---

Operator: License # 5886

Name: Chief Drilling, Inc.

Address 224 E. Douglas, #530

City/State/Zip Wichita, KS 67202

Purchaser: n/a

Operator Contact Person: Douglas W. Thimesch

Phone (316) 262-3791

Contractor: Name: Chief Drilling, Inc.

License: 5886

Wellsite Geologist: Dan Reynolds

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SWD  Temp. Abd.  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply, etc.)

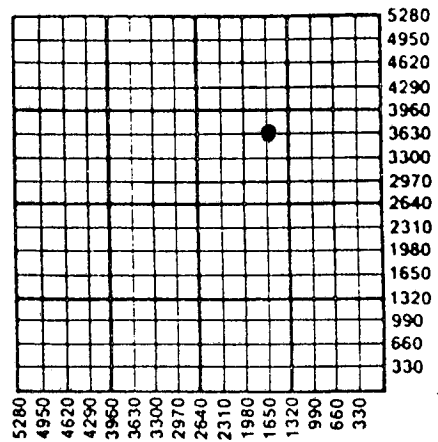
If OWWO: old well info as follows:  
Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Drilling Method:  
 Mud Rotary  Air Rotary  Cable

11-9-90 11-17-90 11-17-90  
Spud Date Date Reached TD Completion Date



Amount of Surface Pipe Set and Cemented at 293' 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 Douglas W. Thimesch  
Title Vice President Date 11-28-90

Subscribed and sworn to before me this 28 day of November, 19 90.

Notary Public Betty M. Abbott  
BETTY M. ABBOTT  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 1-22-91

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Timelog Received  
RECEIVED  
STATE CORPORATION COMMISSION  
Distribution  
KCC \_\_\_\_\_ SWD/Rep \_\_\_\_\_ NGPA  
Nov 2 KGS 1990 \_\_\_\_\_ Plug \_\_\_\_\_ Other  
11-29-1990  
(Specify)  
CONSERVATION DIVISION  
Wichita, Kansas  
Form ACO-1 (7-89)

Operator Name Chief Drilling, Inc. Lease Name Irvin Well # 1#32

Sec. 32 Twp. 16S Rge. 21  
 East  
 West

County Ness

**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 sheet

Formation Description

Log  Sample

Name Top Bottom

See attached sheet

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"	20#	293'	60/40 Pozmix	165	3% c.c. 2% gel

PERFORATION RECORD

Shots Per Foot Specify Footage of Each Interval Perforated

Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

TUBING RECORD

Size Set At Packer At Liner Run  Yes  No

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

NO DUPLICATION  
FROM THE STATE  
1955-56 149A VM

# COPY

# CONFIDENTIAL

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Gas  Inj  Delayed Comp.

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 Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

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11-9-90 11-17-90 11-17-90  
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County Ness

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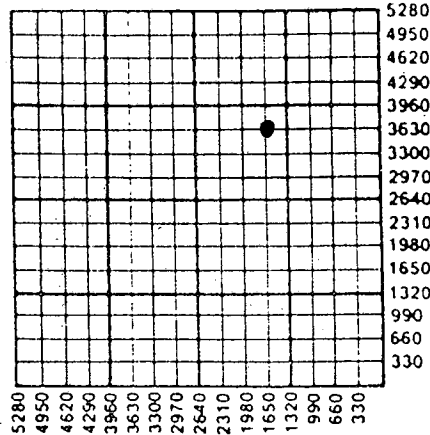
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Field Name unnamed

Producing Formation none

Elevation: Ground 2294 KB 2301

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*AIT II DEP*

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feet depth to --- w/ --- sx cmt.

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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 Douglas W. Thimesch  
 Title Vice President Date 11-28-90

Subscribed and sworn to before me this 28 day of November, 19 90.

Notary Public Betty M. Abbott  
 Date of Commission January 22, 1991  
 My Appt. Exp. 1-22-91

**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)

11-29-1990

*P1*

ORIGINAL  
CONFIDENTIAL

DEC 13 1991

Chief Drilling, Inc. Op. #5886

ACO-1 Attachment Sheet  
FROM CONFIDENTIAL  
#1-32 Irvin  
NE SW NE, Sec. 32-16S-21W  
Ness County, Kansas

API #15-135-23,523-00-00

FORMATION TOPS:

Anhydrite	1597	+704
Base/Anhy	1630	+671
Heebner	3698	-1397
Lansing	3740	-1439
BKC	4008	-1707
Ft. Scott	4177	-1876
Cherokee	4191	-1890
Mississippi	4273	-1972
RTD	4308	-2007

LOG TOPS:

Anhydrite	1595	+706
Base/Anhy	1627	+674
Heebner	3699	-1398
Lansing	3743	-1442
BKC	4004	-1703
Ft. Scott	4183	-1882
Cherokee	4193	-1892
Mississippi	4272	-1971
LTD	4309	-2008

DST #1 4149-4195 (Cherokee)

30-30" 30-30", Weak blow  
Rec. 10' mud. FP 22/22#, 22/22#  
BHP 33/33#, Hyd. 295/240#  
Drilling ahead

DST #2 4149-4199 (Cher. 'A')

30-30" 30-30" Weak blow  
Rec. 3' mud. FP 33/33# 33/33#  
BHP 44/33# Hyd. 2095/2040#

DST #3 4150-4258 (Cher. 'A-B-C')

Strong blow off bottom in 1 min.  
30-30" Rec. 90' oil, 180' watery  
oil cut mud (10% O, 10% W, 80% M);  
450' muddy oil cut water (15% O,  
65% W, 20% M) FP 166/400#, BHP 772#  
Hyd 2040/1984#

DST #4 4236-4258 (Cher. 'C')

30-30" 60-60" Built to 6" blow  
Rec. 34' oil, 30' OWCM (10% oil, 30% wtr.)  
FP 33-33#, 44-44# BHP 1211-1211#, Hyd 2207/2095#, 118°

DST #5 4223-4246 (Cher. 'B&C')

45-45" 60-60", Weak to 10" blow, Rec. 60' oil,  
50' mud cut oil (85% oil), 60' oil cut mud (20% oil)  
Hyd 2151/2095#, FP 55/55# 55/77#, BHP 1156/1101#, temp 118°

RECEIVED  
STATE CORPORATION COMMISSION

NOV 29 1990

CONSERVATION DIVISION  
Wichita, Kansas

3-2627, Russell, Kansas  
 6-793-5861, Great Bend, Kansas

**CONFIDENTIAL RELEASED**  
 Phone Plainville 913-434-2812  
 Phone Ness City 913-798-3843

**ORIGINAL** DEC 1 3 1991

**ALLIED CEMENTING CO., INC.** FROM CONFIDENTIAL NO. 7166

Home Office P. O. Box 31 Russell, Kansas 67665

15-135-23523-00-00

Date <i>11-9-90</i>	Sec. <i>32</i>	Twp. <i>16</i>	Range <i>21</i>	Called Out <i>5:00 pm</i>	On Location <i>7:15 pm</i>	Job Start <i>9:00 pm</i>	Finish <i>9:30 pm</i>
Lease <i>Swain</i>	Well No. <i>1-32</i>	Location <i>Brownell 4E, 1 1/2 S</i>			County <i>Ness</i>	State <i>Ks</i>	
Contractor <i>Ch Warrior</i>				Owner <i>Chief</i>			
Type Job <i>Surface</i>				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 listed.			
Hole Size <i>12 1/4</i>	T.D. <i>295'</i>			Charge To <i>Chief Drilling, Inc.</i>			
Csg. <i>8 5/8</i>	Depth <i>295'</i>			Street <i>Box 240</i>			
Tbg. Size	Depth			City <i>Nessington</i> State <i>Ks. 67544</i>			
Drill Pipe	Depth			The above was done to satisfaction and supervision of owner agent or contractor			
Tool	Depth			Purchase Order No.			
Cement Left in Csg. <i>15'</i>	Shoe Joint			<input checked="" type="checkbox"/> <i>Marion Burris</i>			
Press Max.	Minimum			<b>CEMENT</b>			
Meas Line <i>NO</i>	Displace <i>18.2 bbl</i>			Amount Ordered <i>16.5 cu yd 60/40 poz 2% gel 3% cc</i>			
Perf.				Consisting of ...			

**EQUIPMENT**

<i>Ness</i>	No.	Cementer	
Pumptrk <i>158</i>		Helper	
	No.	Cementer	<i>JAYSON DRILLING</i>
Pumptrk		Helper	<i>BILL SCHMITT</i>
		Driver	<i>BILL WHITE</i>
Bulktrk <i>116</i>		Driver	

**DEPTH of Job**

Reference:	<i>Pump trk charge</i>	<i>380.00</i>
<i>27</i>	<i>Mileage</i>	<i>54.00</i>
<i>1</i>	<i>8 5/8 TWP</i>	<i>42.00</i>
	Sub Total	
	Tax	
	Total	<i>476.00</i>

Remarks: *Cement did circulate.*  
*Pat Allied Cementing*  
*Super Drilling*

Common	<i>99</i>	<i>5.25</i>	<i>519.75</i>
Poz. Mix	<i>66</i>	<i>2.25</i>	<i>148.50</i>
Gel.	<i>3</i>	<i>6.75</i>	<i>N/C</i>
Chloride	<i>5</i>	<i>21.00</i>	<i>105.00</i>
Quickset			
		Sales Tax	
Handling	<i>165</i>	<i>1.00</i>	<i>165.00</i>
Mileage	<i>27</i>		<i>178.20</i>
		Sub Total	
		Total	<i>1116.45</i>
Floating Equipment			
<b>TOTAL \$ 1592.45</b>			
<b>Disc - 318.49</b>			
<b>\$ 1273.96</b>			

STATE CORPORATION COMMISSION

NOV 29 1990

CONSERVATION DIVISION  
 Wichita, Kansas

*Thank you.*

27, Russell, Kansas  
 93-5861, Great Bend, Kansas

15-135-235231 ORIGINAL

Phone ~~PLUMAS 913~~ 913-434-2812  
 Phone Ness City 913-798-3843

DEC 13 1991

# ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

New

No 7243  
 FROM CONFIDENTIAL

Date	11-17-90	Sec.	32	Twp.	16	Range	21	Called Out	11:00 AM	On Location	1:00 PM	Job Start	1:10 PM	Finish	2:30 PM
Lease	TRIVIA	Well No.	1-32	Location	Brownell 2E2S2E 1/4 N			County	Ness	State	Ks				

Contractor	WARRIOR OIL & GAS
Type Job	Rotary Plug
Hole Size	7 3/4
Csg.	T.D. 4308'
Tbg. Size	Depth
Drill Pipe	4 1/2
Tool	Depth 1600'
Cement Left in Csg.	Shoe Joint
Press Max.	Minimum
Meas Line	Displace
Perf.	

Owner	SAME
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 listed.	
Charge To	Chief Oils - Co. Inc.
Street	Box 240
City	Nowington
State	Ks. 67544
The above was done to satisfaction and supervision of owner agent or contractor	
Purchase Order No.	
X	Marian Burris
<b>CEMENT</b>	
Amount Ordered	195.5 x 60/40 6% gel
Consisting of	1/4" FLOSCAL per sy
Common	117 5.25 614.25
Poz. Mix	78 2.25 175.50
Gel.	12 6.75 81.00
Chloride	
Quickset	
	Flo Seal 48 1.00 48.00
Sales Tax	
Handling	19.5 1.00 195.00
Mileage	28 218.40
Sub Total	
Total 1332.15	
Floating Equipment	

EQUIPMENT		
No.	Cementer	KRIS
Pumptrk 46	Helper	John
No.	Cementer	
Pumptrk	Helper	
	Driver	Chad
Bulktrk 199	Driver	

DEPTH of Job		
Reference:	Pumptrak chg	360.00
28	milense	56.00
1	8 5/8" OHP	20.00
Sub Total		
Tax		
Total		436.00

Remarks: 1st 1600' w/ 50 sk Allied Cementing - Total \$ 1768.15  
 2nd 800' w/ 60 sk By New Mityke Disc - 353.63  
 3rd 350' w/ 50 sk  
 10 sk 40' 15 sk R.H. 10 sk M.H.

Thank you

141452

NOV 20 1990

REGISTRATION DIVISION