

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- 179-21,021-00 00 NOV 0 5

County Sheridan **CONFIDENTIAL**

NW - NW - SW - Sec. 25 Twp. 8S Rge. 27W E

2310 Feet N/S (circle one) of Section Line

4950 Feet E/W (circle one) of Section Line

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name BROWN Well # 1-25

Field Name unnamed

Producing Formation Kansas City

Elevation: Ground 2539 KB 2544

Total Depth 3930 PBD ---

Amount of Surface Pipe Set and Cemented at 256 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 2206 Feet

If Alternate II completion, cement circulated from 2206

feet depth to surface w/ 300 sx cmt.

Drilling Fluid Management Plan 11-7-91
(Data must be collected from the Reserve Pit)

Chloride content 2,000 ppm Fluid volume 650 bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

Operator: License # 5886

Name: Chief Drilling, Inc.

Address 224 E. Douglas, #530

City/State/Zip Wichita, KS 67202

Purchaser: Koch

Operator Contact Person: Douglas W. Thimesch

Phone (316) 262-3791

Contractor: Name: Allen Drilling Company

License: 5418

Wellsite Geologist: Kevin Howard

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: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

10-4-91 10-12-91 10-24-91
Spud Date Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 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 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 Douglas W. Thimesch

Title Vice President Date 11-5-91

Subscribed and sworn to before me this 5 day of November, 19 91.

Notary Public Betty M. Abbott

Date Commission Expires 1-22-95

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

BETTY M. ABBOTT
NOTARY PUBLIC
STATE OF KANSAS
My Appl. Exp. 1-22-95

DEC 0 8 1992

NOV 6 1991

Form ACO-1 (7-91)

FROM CONFIDENTIAL INFORMATION DIVISION
Wichita, Kansas

PI

ORIGINAL

Sec. 25 Twp. 8S Rge. 27

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 (Attach Additional Sheets.) Yes No
Samples Sent to Geological Survey Yes No
Cores Taken Yes No
Electric Log Run (Submit Copy.) Yes No

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

List All E.Logs Run:
Radiation Guard Log
Gamma Ray Bond Log

See attached sheet

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"	20#	256'	60/40poz	170	3%cc, 2%gel
Production	7 7/8"	4 1/2"	10.5#	3929'	ASC	75	

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	2206'	60/40 poz	300	6% gel

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used) Depth	
4/ft	3850-3852'		500 gal, 15% MCA	OH

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8"	3899'	---	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.		Producing Method			
10-24-91		<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
	65		15		35°

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

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify)

Production Interval _____

FOR GOVERNMENT

ORIGINAL

Chief Drilling, Inc. (OP. #5886)
224 E. Douglas #530
Wichita, Kansas 67202

#1-25 Brown
API #15-179-21,021
NW NW SW, Sec. 25, T8S, R27W
Sheridan County, Kansas

NOV 05

CONFIDENTIAL

15-179-21021-0000

ATTACHMENT SHEET ACO-1

DST #1 3707-3723 (35' zone)
30-30" 30-30", Rec. 1' oil,
500' water. FP 89/133#, 178/223#,
BHP 804/804#, Hyd 1893/1847,
59,000 Cl., 117°

DST #2 3722-3745 (50' zone)
45-45" 45-45"
Rec. 63' GIP, 20' oil, 36°;
25' MO (82% oil) FP 80/80#
80/80#, BHP 401/178#, Hyd 1802/
1756, Temp 117°

DST #3 3740-3768 (70' zone)
30-30" 30-30", Rec. 5' mud w/oil
spots. FP 45/45# 45/45#, BHP
45/45#, Hyd 1939/1893#, 117°

DST #4 3784-3825 (140' zone)
30-30" 30-30" Rec. 5' mud
BHP 446/223#, FP 71/71# 71/71#
Hyd 1939/1893#, Temp 117°

DST #5 3821-3860 (160-180' zone)
30-30" 30-30", GTS in 2nd open
Rec. 860' oil (35° Gravity), 63' MO
BHP 1028/1028#, FP 116/178# 258/312#
Hyd 1985/1939#, Temp 117°

DST #6 3859-3882 (200' zone)
30-30" 30-30", GTS in 18", Rec. 1250'
oil (35° gravity), 1250' wtr. (est.
reversed out), 58,000 ppm. BHP 1164/
1164#, FP 312/715#, 804/983#
Hyd 1985/1939#, Temp 117°

FORMATION TOPS:

Anhydrite	2153	+391
Base/Anhy	2187	+357
Topeka	3439	-890
Heebner	3649	-1105
Lansing	3688	-1144
Base KC	3904	-1360
RTD	3930	-1386

LOG TOPS:

Anhydrite	2152	+392
Base/Anhy	2285	+359
Heebner	3646	-1102
Toronto	3666	-1122
Lansing	3685	-1141
Stark	3857	-1313
BKC	3902	-1358
LTD	3930	-1386

RECEIVED
STATE CORPORATION COMMISSION

NOV 6 1991

CONSERVATION DIVISION
Wichita, Kansas

RELEASED

DEC 08 1992

FROM CONFIDENTIAL

12/8/92

11/6/91

ORIGINAL *New*
ALLIED CEMENTING CO., INC.

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

15-179-21021-00-00

N^o 052629
 NOV 05 11/5
CONFIDENTIAL

Date	10-4-91	Sec.	25	Twp.	8 ^s	Range	27 ^w	Called Out	3:45 P.M.	On Location	6:00 P.M.	Job Start	8:15 P.M.	Finish	8:45 PM
Lease	Brown	Well No.	1-25	Location				Tasca 1W 1/2 S 1E 1/2 SE	County	Sheridan	State	Ks.			

Contractor	Allen Dalg Co.	Rig #1	
Type Job	Set Surface Pipe		
Hole Size	12 1/4"	T.D.	259'
Csg.	8 7/8"	Depth	256'
Tbg. Size		Depth	
Drill Pipe		Depth	
Tool		Depth	
Cement Left in Csg.	15'	Shoe Joint	
Press Max.		Minimum	-
Meas Line		Displace	X
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 Drilling, Inc.*
 Street *224 E. Douglas Suite 530*
 City *Wichita,* State *Ks.* *67202*
 The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.
 X *Richard Stevenson*

CEMENT

Amount Ordered *170 sks 60/40 poz 2logel, 366.c.*

Consisting of		
Common	<i>102 sks @ 5.25/sk.</i>	<i>535.50</i>
Poz. Mix	<i>68 sks @ 2.25/sk.</i>	<i>153.00</i>
Gel.	<i>3 sks</i>	<i>N/C</i>
Chloride	<i>5 sks @ 21.00/sk.</i>	<i>105.00</i>
Quickset		

Handling	<i>e 1.00/sk. (170 sks)</i>	<i>170.00</i>
Mileage	<i>e 044/sk./mi. (63 mi.)</i>	<i>428.40</i>
Sub Total		<i>1391.90</i>
Total		

Floating Equipment *Thanks*

RELEASED

REC 0 8 1992 12/8/92

FROM CONFIDENTIAL

RECEIVED
 CONSERVATION COMMISSION

NOV 6 1991
 CONSERVATION DIVISION
 Wichita, Kansas
 11/6/91

EQUIPMENT

No.	Cementer	<i>Gary H.</i>
Pumptrk <i>191</i>	Helper	
No.	Cementer	<i>Walt D.</i>
Pumptrk	Helper	
	Driver	<i>Joe S.</i>
Bulktrk <i>#212</i>	Driver	

DEPTH of Job

Reference #	Description	Amount
<i>#1</i>	<i>Pumptruck-surface</i>	<i>380.00</i>
<i>#13</i>	<i>mileage @ 2.00/mi</i>	<i>126.00</i>
	<i>1-8 7/8" wooden plug</i>	<i>42.00</i>
	Sub-Total	<i>548.00</i>
	Tax	
	Total	

Remarks:

Cement Did Circulate

15-179-21021-00-00

No 2396
NOV 05

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

CONFIDENTIAL

New

Date	10-12-91	Sec.	25	Fwp.	8	Range	27	Called Out	7:00 AM	On Location	10:15 AM	Job Start	1:15 PM	Finish	2:15 PM
Lease	Brown	Well No.	#1-25	Location	TASCO	1/2 S 1 E 2 S		County	Sheridan	State	Kansas				
Contractor	Allen Drlg Co. Rig 1														
Type Job	Production														
Hole Size	7 7/8"			T.D.	3930'										
Csg.	4 1/2"			Depth	3929'										
Tbg. Size				Depth											
Drill Pipe				Depth											
Tool	4 1/2" Baker part collar			Depth											
Cement Left in Csg.	10.40			Shoe Joint	10.40										
Press Max.				Minimum											
Meas Line	YES			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 Drlg Co
 Street Box 240
 City Herington State Kan 67544

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.
 X *Full fashion*
 CEMENT

Amount Ordered 75 SKS ASC

Consisting of 500 gal WFR-2
 Common ASC - 75 SKS @ 7.25 543.75
 Poz. Mix
 Gel.
 Chloride
 Quickset

500 gal WFR-2 @ 50¢ 250.00
 Sales Tax

Handling 1.00 per SK 75.00

Mileage 4¢ per SK mile 192.00
 6¢ mile

Sub Total
 Total 1,060.75

Floating Equipment
 4 - Centralizers - 172.00
 1 - Basket - 113.00
 1 - AFU Insert - 169.00
 1 - Guide Shoe - 109.00
 1 - Baker part collar - 1,680.00
 Total = 2,243.00

EQUIPMENT

#153 No.	Cementer	M Kaufman
Pumptrk	Helper	Dave F
No.	Cementer	
Pumptrk	Helper	
#212	Driver	Joe S.
Bulktrk	Driver	

DEPTH of Job

Reference #	Pump Trk	880.00
	1-4 1/2" plug	33.00
	2.00 per mile	128.00
	Sub Total	
	Tax	
	Total	1,041.00

Remarks: Float Held RELEASED

DEC 08 1991

RECEIVED FROM CONFIDENTIAL STATE CORPORATION COMMISSION

NOV 6 1991

CONSERVATION DIVISION
 Wichita, Kansas

12/8/91
Shamp

11/6/91

Phone 913-483-2627, Russell, Kansas
 Phone 5-793-5861, Great Bend, Kansas

ORIGINAL

Phone Plainville 913-434-2812
 Phone Ness City 913-798-3843

15-179-2021-00-00

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

NOV 02 25 4

CONFIDENTIAL

new

Date	10-21-91	Sec.	28	Fwp.	8	Range	274	Called Out		On Location	NOON	Job Start		Finish	4:00 PM
Lease	Brown	Well No.	1-25	Location	Tasco 1/2 W-1 1/2 S-1 E-1/2 S			County	Sheridan		State	Kan			

Contractor	Cheyenne Well Service	
Type Job	Port Collar	
Hole Size	T.D.	
Csg.	4 1/2"	Depth
Tbg. Size	2"	Depth
Drill Pipe	Depth	
Tool	Baker-Otis	Depth 2206'
Cement Left in Csg.	Shoe Joint	
Press Max.	1500	Minimum 500
Meas Line	Displace	

Owner	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 Drilg Co.	
Street	Box 240	
City	Horsington	State Kan 67544
The above was done to satisfaction and supervision of owner agent or contractor.		
Purchase Order No.	<i>[Signature]</i>	

Plug 2 2474'

1-Sand CEMENT	
Amount Ordered	300 SKs 60/40 pcy, 6% bel
Consisting of	
Common	180 5.25 945.00
Poz. Mix	120 2.25 270.00
Gel.	11 6.75 74.25
Chloride	
Quickset	
Sand 1	4.75 4.75
Sales Tax	
Handling	1.00 per sk 300.00
Mileage	4¢ per sk/mile 63 756.00
Sub Total	
2350.00	
Total	

EQUIPMENT

No.	Cementer	Walt
Pumptrk 191	Helper	Wayne
No.	Cementer	
Pumptrk	Helper	
	Driver	Joe
Bulktrk 212		
Bulktrk 220	Driver	Dick

DEPTH of Job	
Reference:	Pumptruck 475.00
	2.00 per mile 63 126.00
RELEASED	
	Sub Total 601.00
	Tax
	Total

Remarks: FROM CONFIDENTIAL
 Load hole, cleaned oil out of casing, Tested Plug 2 1500 psi, Held. Opened Port collar, took rate 2 4BPM 2500 psi, mixed cement fill it circ.

Floating Equipment
 Cement to Surface, shut Tool Tested to 1500 psi, Held. Washed cement + sand off Plug
 Cement did Circ
 RECEIVED STATE CORPORATION COMMISSION
 Walt Duhl

NOV 6 1991 11/6/91