

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- 179-21,035-00-00
County Sheridan

Operator: License # 5886

Name: Chief Drilling, Inc.

Address 120 S. Market, #300

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: Kevin Howard

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SIOW 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 PBSD

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

4-21-92 4-27-92 4-27-92

Spud Date Date Reached TD Completion Date

SW- SW-NW - Sec. 25 Twp. 8S Rge. 27W E
2970 Feet from (S) (circle one) Line of Section

4950 Feet from (E) (circle one) Line of Section

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

Lease Name Brown "A" SWD Well # 1-25

Field Name _____

Producing Formation n/a

Elevation: Ground 2535 KB 2542

Total Depth 3940 PBSD 2167

Amount of Surface Pipe Set and Cemented at 259 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 2167
feet depth to Surface w/ 475 sx cat.

Drilling Fluid Management Plan Part 2 RD 11-17-92
(Data must be collected from the Reserve Pit)

Chloride content 2m ppm Fluid volume 680 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. _____

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-11 form with temporarily abandoned wells.

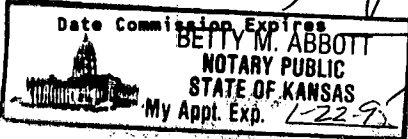
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Douglas W. Thimesch
Title Vice President Date 7-21-92

Subscribed and sworn to before me this 21 day of July
19 92.

Notary Public Betty M. Abbott

Date Commission Expires 1-22-95



RECEIVED
10/14/92
CONSERVATION DIVISION
Wichita, Kansas
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)

Operator Name Chief Drilling, Inc.

Lease Name Brown "A"

Well # 1-25

Sec. 25 Twp. 8S Rge. 27W

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.)

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

List All E.Logs Run:

Radiation Guard
Bond 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	20#	259	60/40 pozmix	175	2% gel & 3% cc
Production	7 7/8	4 1/2	10 1/2#	2167'	60/40 pozmix	475	8% gel

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

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
42	strip shots 1900'-1930'	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8"	1875'	1874.95'	<input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.		Producing Method			
Oct. 6, 1992		<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 Perf. Dually Comp. Commingled
 Other (Specify) _____

Production Interval

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

API NO. 15- 179-21,035 - SW - W

County Sheridan

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

2970 Feet from S/W (circle one) Line of Section
4950 Feet from E/W (circle one) Line of Section

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

Lease Name Brown "A" SWD Well # 1-25

Field Name JEROME NE

Producing Formation n/a

Elevation: Ground 2535 KB 2542

Total Depth 3940 PBSD 2167

Amount of Surface Pipe Set and Cemented at 259 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 cat.

Drilling Fluid Management Plan 1-6-92 SWD
(Data must be collected from the Reserve Pit)

Chloride content 2m ppm Fluid volume 680 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 120 S. Market, #300

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: Kevin Howard

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SIOW 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 _____ PBSD
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Inj?) _____ Docket No. _____

4-21-92 4-27-92 4-27-92

Spud Date Date Reached TD Completion Date

ORIGINAL

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 7-21-92

Subscribed and sworn to before me this 21 day of July, 1992.

Notary Public Betty M. Abbott

Date Commission Expires 1-22-95
BETTY M. ABBOTT
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 1-22-95

K.C.C. OFFICE USE ONLY RECEIVED
STATE CORPORATION COMMISSION
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
NOV 17 1992
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

Operator Name Chief Drilling, Inc.

SIDE TWO

Lease Name Brown "A" Well # 1-25

Sec. 25 Twp. 8S Rge. 27W
 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.)

Log Formation (Top), Depth and Datum Sample

Samples Sent to Geological Survey Yes No

Name Top Datum

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy.)

List All E Logs Run:

Radiation Guard
 Bond Log

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#	259'	60/40 pozmix	175	2% gel & 3% cc
Production	7 7/8	4 1/2	10 1/2#	2167'	60/40 pozmix	475	8% gel

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> 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
2	strip shots 1900'-1930'		

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	1875'	1874.95'	<input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj.	Producing Method
Oct. 6, 1992	<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:

METHOD OF COMPLETION

Production Interval

Vented Sold Used on Lease
 (If vented, submit ACO-18.)

Open Hole Perf. Dually Comp. Commingled
 Other (Specify)

15-179-21035-0200

Chief Drilling, Inc. (Op. #5886)
120 S. Market #300
Wichita, Kansas 67202

ACO #1 attachment sheet
#1-25 Brown "A"
SW SW NW
Sec. 25-8S-27W
Sheridan Co., Kansas
API# 15-179-21,035

FORMATION TOPS:

Anhydrite	2154	+388
Base/Anhy	2189	+353
Topeka	3442	-900
Heebner	3660	-1118
Toronto	3678	-1136
Lansing	3700	-1158
RTD	3940	-1398

LOG TOPS:

Anhydrite	2156	+386
Base/Anhy	2190	+352
Topeka	3445	-903
Heebner	3662	-1120
Toronto	3683	-1141
Lansing	3702	-1160
Stark	3874	-1332
BKC	3918	-1376
LTD	3942	-1400

ORIGINAL

DST #1 3710-3738 ('B' zone)
30-30" 30-30" Blow off bottom of
bucket in 25". Rec. 200' muddy wtr.
FP 80/107#, 133/151#, BHP 983/939#
Chl 59,000 ppm, 119°

DST #2 3735-3780 ('D' 50', 'E' 70',
'F' 90' zones) 30-30" 30-30", Wk blow
Rec. 20' muddy water. FP 35/35#,
35/35#, Chl 60,000 ppm, Hyd 1895/
1802#, BHP 849/804#, 119°

DST #3 3834-3870 ('J' 180' zone)
30-30" 30-30", Rec. 10' mud, Wk blo, died
FP 44/44# 44/44#, BHP 250/223#
Hyd 1939/1893#, 119°

DST #4 3865-3890 (Lans. 200' zone)
30-30" 30-30", Rec. 5' mud
FP 44/44# 44/44#, BHP 267/223#
Hyd 1893/1847#, 119°

RECEIVED
STATE CORPORATION COMMISSION

NOV 17 1992

Phone 913-483-2627, Russell, Kansas
 Phone 316-793-5861, Great Bend, Kansas

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

15-179-21035-00-00

New

ALLIED CEMENTING CO., INC. 2027

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

Date	4-21-92	Sec.	25	Twp.	8 ^S	Range	27 ^W	Called Out	5:00 P.M.	On Location	8:00 P.M.	Job Start	9:30 P.M.	Finish	10:15 P.M.
Lease	Brown "A"	Well No.	1-25	Location	Tasco	1W 1/2 S 1 E 3/8 S		County	Sheridan	State	Ks.				
Contractor	Chief Drilling, Inc.		Rig #2												
Type Job	Set Surface Pipe														
Hole Size	12 1/4"	T.D.	261'												
Csg.	8 7/8"	Depth	259'												
Tbg. Size		Depth													
Drill Pipe		Depth													
Tool		Depth													
Cement Left in Csg.	15'	Shoe Joint													
Press Max.		Minimum	-												
Meas Line		Displace	X												
Perf.															

EQUIPMENT

Pumptrk	No.	Cementer	Gary H.
	191	Helper	Bill Mc
Pumptrk	No.	Cementer	
		Helper	
Bulktrk	#212	Driver	Wayne Mc
		Driver	

DEPTH of Job		
Reference:	#1 Pumptruck-surface	380.00
	#13 mileage @ 2.00/mi.	88.00
	1-8 7/8" wooden plug	42.00
	Sub Total	510.00
	Tax	
	Total	

Remarks: Cement Did Circulate

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 120 S. Market, Suite 300

City Wichita, State Ks. 67202

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

Purchase Order No. *W. J. Dunkel*

CEMENT

Amount Ordered 170 sks @ 60/40 @ 2.20 gal, 3 gal. c.c.

Consisting of

Common	102 sks @ 6.10/sk.	# 622.20
Poz. Mix	68 sks @ 2.40/sk.	163.20
Gel.	3 sks @	N/C
Chloride	5 sks @ 21.00/sk.	105.00
Quickset		

Sales Tax

Handling 21.00/sk. (170 sks) 170.00

Mileage @ 0.44/sk./mi. (44 mi.) 299.20

Sub Total # 1359.60

Total

Floating Equipment Thanks

RECEIVED
 STATE CORPORATION COMMISSION
 NOV 17 1992

Phone 913-483-2627, Russell, Kansas
 Phone 316-793-5861, Great Bend, Kansas

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

15-179-21035-0000

New

ALLIED CEMENTING CO., INC.

2032

Home Office P. O. Box 31

Russell, Kansas 67665

4-27-92	Sec. 25	Twp. 8 ^s	Range 27 ^w	Called Out 1:00 P.M.	On Location 4:00 P.M.	Job Start 6:45 P.M.	Finish 8:00 P.M.
Brown "A" Well No. 1-25		Location Tascoc 1W 1/2 S 1E 3/8 S			County Sheridan	State Ks.	
Contractor Chief Drilling Co. Rig #2				Owner Same			
Job Short String Production				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.			
Size 2 3/8"	T.D. 3940'						
Size 4 1/2"	Depth 2167'						
Size 8 5/8"	Depth 258'						
Pipe	Depth						
Amount Left in Csg. 11'	Shoe Joint 10.65'						
Max. 1100 #	Minimum						
Line X	Displace						

Charge To	Chief Drilling Company, Inc.
Street	120 S. Market, Suite 300
City	Wichita, State Ks. 67202
The above was done to satisfaction and supervision of owner agent or contractor.	
Purchase Order No.	
<i>Larry L. [Signature]</i>	
CEMENT	

EQUIPMENT

No.	Cementor	
191	Helper	Gary H. Wasner Mc.
	Cementor	
	Helper	
	Driver	Joe S.
#212 = #160	Driver	Paul D.

Amount Ordered	475 sks 60/40 @ 2.82 ea
Consisting of	
Common	285 sks @ 6.10/sk. \$1738.00
Poz. Mix	190 sks @ 2.40/sk. 456.00
Gel. Chloride	25 sks @ 6.75/sk. (Used 33 sks) 168.75
Quickset	
Sales Tax	
Handling	21.00/sk. (475 sks) 478.00
Mileage	204 @ 1sk./mi. (44 mi.) 836.00
Sub Total #	
3674.25	
TOTAL RECEIVED	

DESCRIPTION of Job	Amount
#10 Pump truck - short string	\$880.00
#13 mileage @ 2.00/mi.	88.00
1-4 1/2" rubber plug	33.00
Sub Total	\$1001.00
Tax	
Total	

Plugged rat hole w/15 sks.
 Plugged mouse hole w/10 sks.
 Float Held.
 Cement Circulated

Floating Equipment	4 1/2"
1-regular guide shoe	- NOV 9 1992
1-AFU insert (Flappertype)	- 169.00
1-cementing basket	- 113.00
3-centralizers @ 43.00 ea	- 129.00
Total	520.00