

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM  
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License # .....5886.....  
Name ....Chief Drilling Co., Inc...  
Address ..905 Century Plaza.....  
.....Wichita, Ks.....67202.....  
City/State/Zip .....

Purchaser.....none.....

Operator Contact Person E.W. Shelton, Jr.,  
Phone .....316-262-3791.....

Contractor: License # .....5883.....  
Name .Warrior Drilling Co. #2.....

Wellsite Geologist.....Mitch Allen.....  
Phone.....316-262-3791.....

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 .....Chief Drilling Co., Inc.  
Well Name ....Fuller.....  
Comp. Date .3-18-85...Old Total Depth.....

WELL HISTORY

Drilling Method:

Mud Rotary  Air Rotary  Cable

.3-9-85... .3-18-85... .3-18-85...  
Spud Date Date Reached TD Completion Date

..4577.....  
Total Depth PBTB

Amount of Surface Pipe Set and Cemented at...347' feet

Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set.....feet

If alternate 2 completion, cement circulated  
from.....feet depth to.....w/.....SX cmt

API NO. 15-.....101-21,144-0000.....

County.....Lane.....

NW. SE. NW. Sec. 18 Twp. 17S Rge. 28W  East  West

...3630.. Ft North from Southeast Corner of Section  
...3630.. Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

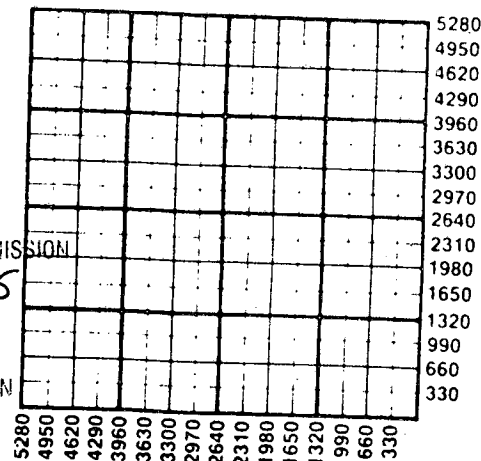
Lease Name.....Fuller.....Well #.....1.....

Field Name.....none.....

Producing Formation.....none.....

Elevation: Ground.....2760.....KB.....2767.....

Section Plat



RECEIVED  
STATE CORPORATION COMMISSION  
3-22-85  
MAR 22 1985  
CONSERVATION DIVISION  
Wichita, Kansas

WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  Repressuring  
Docket # .....

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:

Division of Water Resources Permit #.....

Groundwater.....Ft North from Southeast Corner  
(Well) .....Ft West from Southeast Corner of  
Sec Twp Rge  East  West

Dale James

Surface Water.....Ft North from Southeast Corner  
(Stream, pond etc).....Ft West from Southeast Corner  
SW/4 Sec 7 Twp 17S Rge 28  East  West

Other (explain).....  
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 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 drillers time log shall be attached with this form. 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 .....  
F.W. Shelton, Jr., Vice Pres.

Title..... Date .3-18-85..

Subscribed and sworn to before me this 18th day of March 1985.

Notary Public.....  
Martha E. Gustin

Date Commission Expires.....  
4-15-85

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

Sec. 18, Twp. 17S, Rge. 28W

Operator Name CHIEF DRILLING CO., INC. Lease Name FULLER Well # 1

Sec 18 Twp. 17S Rge. 28W East West County Lane

WELL LOG

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 [X] Yes [ ] No
Samples Sent to Geological Survey [X] Yes [ ] No
Cores Taken [ ] Yes [X] No

Formation Description [X] Log [X] Sample

12-15-87 DST #1 4131-4225 (Lans 140-160-180z) 30-30-30-30 wk bl died in 10", Rec. 30' CGO, 70' HOCM, 24G, 72%O, 26%M, IBHP: 1028#, FBHP: 983#, IFP: 80-107 FFP: 133-151
12-16-87 DST #2 4195-4225 (Lans 180z) 30-30-75-60 IF: wk bl, FBH: wk bl bldg to 3" in bucket Rec. 120' GIP, 10' CIGO, 83' MCO, 32%O, 68%M, IBHP: 804#, FBHP: 804#, IFP: 44-44 FFP: 62-89 DST #3 4232-4257 (Lans 200z) 30-30-75-60, wk bl bldg to 2 1/2" on IF, wk bl bldg to 3 1/2" FF, Rec. 10' CIO, 530'W, chl. 42,000 ppm, IBHP: 983#, FBHP: 939#, IFP: 89-125 FFP: 151-258
12-17-87 DST #4 4258-4273 (Middle Cr) 30-30-30-30 IF: no bl, FF: no bl, flushed tool, no help, Rec 30'M, no shows, IBHP: 983#, FBHP: 983#, IFP: 26-26 FFP: 44-44 HP: 2031-1985
12-18-87 DST #5 4468-4503 (Ft. Scott) 30-30-75-60 IF: wk bldg to 8", FF: st bl in 2", Rec. 695' GIP 10' CGO, 105' MCO, 71%O, 29%M, IBHP: 939#, FBHP: 939#, IFP: 44-62 FFP: 71-89
12-19-87 DST #6 4510-4527 (Cherokee) 30-30-75-60 IF: st bl off bott 26", FF: st bl off bott 7", Rec. 315' GIP, 170' CGO, IBHP: 1210#, FBHP: 1210#, IFP: 80-98 FFP: 116-133
12-20-87 DST #7 4525-4554 (Johnson) 30-30-75-60 IF: wk bl bldg 2", Rec. 75' MW, IBHP: 849#, FBHP: 849#, IFP: 44-44 FFP: 62-62
12-21-87 Ran 125 jts. 4602', set @ 4599', 6' off bottom, cem w/200 sks ASC, 10 bbls of WFR-2 ahead of cement, plug down @ 2:45 pm, Ran 6 centralizers 4585', 4544', 4482', 4289', 4193', 2194', cement control basket @ 2194' float @ 4585' Final Report

Table with 3 columns: Name, Top, Bottom. Lists formation tops such as Anhydrite, Base Anhy, Heebner, Toronto, Lansing, Muncie Cr, Stark, Hush Puck, BKC, Marmaton, Pawnee, Ft. Scott, Cherokee, Johnson, Miss D., RTD.

RELEASED

MAR 30 1969

FROM CONFIDENTIAL

CASING RECORD [X] New [ ] Used Report all strings set-conductor, surface, intermediate, production, etc.

Table with 8 columns: Purpose of String, Size Hole, Size Casing, Weight, Setting Depth, Type of Cement, #Sacks Used, Type and Percent Additives. Rows for surface and production.

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

Table with 3 columns: Shots Per Foot, Specify Footage of Each Interval Perforated, (Amount and Kind of Material Used), Depth. Rows for 3 holes and 4 holes.

TUBING RECORD Size Set At Packer at Liner Run [ ] Yes [X] No

Date of First Production Producing Method [ ] Flowing [X] Pumping [ ] Gas Lift [ ] Other (explain)

Table with 5 columns: Oil, Gas, Water, Gas-Oil Ratio, Gravity. Row for Estimated Production Per 24 Hours.

METHOD OF COMPLETION Production Interval

Disposition of gas: [ ] Vented [ ] Sold [ ] Used on Lease [ ] Open Hole [X] Perforation [ ] Other (Specify) [ ] Dually Completed [ ] Commingled [X] Single

MAR 27 1969

# CHIEF DRILLING CO., Inc.

Drilling Contractors - Oil Producers

151 N. MAIN  
SUITE 700

WICHITA, KANSAS 67202  
DAILY DRILLING REPORT  
API: 15-101-21,445  
RIG #1

V. RICHARD HOOVER  
PRESIDENT

(316) 262-3791

FULLER #1 (#2563)  
SE NW NE SEC. 18-17S-28W  
LANE COUNTY, KANSAS

ELEVATION: 2777 GR  
2779 DF  
2782 KB

12-09-87 Moving in on location 6 loads  
12-10-87 Finished moving in 4 loads, Spudded in @  
3:30 pm, Ran 7 jts. 294' new 20#, 8 5/8"  
set @ 301', cem w/180 sks 60/40 posmix, 3%  
cc, 2%gel, plug down @ 9:00 pm  
12-11-87 Drilling out from under surface  
12-12-87 Drilling @ 2033'  
12-13-87 Drilling @ 2852'  
12-14-87 Drilling @ 3495'  
12-15-87 DST #1 4131-4225 (Lans 140-160-180z) 30-30-  
30-30 wk bl died in 10", Rec. 30' CGO, 70'  
HOCM, 2%G, 72%O, 26%M, IBHP: 1028#, FBHP:  
983#, IFP: 80-107 FFP: 133-151  
12-16-87 DST #2 4195-4225 (Lans 180z) 30-30-75-60  
IF: wk bl, FBH: wk bl bldg to 3" in bucket  
Rec. 120' GIP, 10' ClGO, 83' MCO, 32%O, 68%M,  
IBHP: 804#, FBHP: 804#, IFP: 44-44 FFP: 62-89  
DST #3 4232-4257 (Lans 200z) 30-30-75-60, wk  
bl bldg to 2 1/2" on IF, wk bl bldg to 3 1/2" FF,  
Rec. 10' ClO, 530'W, chl. 42,000 ppm, IBHP:  
983#, FBHP: 939#, IFP: 89-125 FFP: 151-258  
12-17-87 DST #4 4258-4273 (Middle Cr) 30-30-30-30 IF:  
no bl, FF: no bl, flushed tool, no help, Rec  
30'M, no shows, IBHP: 983#, FBHP: 983#, IFP:  
26-26 FFP: 44-44 HP: 2031-1985  
12-18-87 DST #5 4468-4503 (Ft. Scott) 30-30-75-60 IF:  
wk bldg to 8", FF: st bl in 2", Rec. 695'GIP  
10' CGO, 105' MCO, 71%O, 29%M, IBHP: 939#,  
FBHP: 939#, IFP: 44-62 FFP: 71-89  
12-19-87 DST #6 4510-4527 (Cherokee) 30-30-75-60 IF:  
st bl off bott 26", FF: st bl off bott 7",  
Rec. 315' GIP, 170' CGO, IBHP: 1210#, FBHP:  
1210#, IFP: 80-98 FFP: 116-133  
12-20-87 DST #7 4525-4554 (Johnson) 30-30-75-60 IF:  
wk bl bldg 2", Rec. 75' MW, IBHP: 849#, FBHP:  
849#, IFP: 44-44 FFP: 62-62  
12-21-87 Ran 125 jts. 4602', set @ 4599', 6' off  
bottom, cem w/200 sks ASC, 10 bbls of WFR-2  
ahead of cement, plug down @ 2:45 pm, Ran  
6 centralizers 4585', 4544', 4482', 4289',  
4193', 2194', cement control basket @ 2194'  
float @ 4585' Final Report

## FORMATION TOPS:

Anhydrite	2175 + 607
Base Anhy	2202 + 580
Heebner	3939 - 1157
Toronto	3957 - 1175
Lansing	3976 - 1194
Muncie Cr	4133 - 1351
Stark	4235 - 1453
Hush Puck	4260 - 1478
BKC	4322 - 1540
Marmaton	4335 - 1553
Pawnee	4426 - 1644
Ft. Scott	4477 - 1695
Cherokee	4502 - 1720
Johnson	4540 - 1758
Miss.	4566 - 1784
Miss D.	4591 - 1809
RTD	4605 - 1823

## E-LOG TOPS:

Anhydrite	2172 + 610
Base Anhy	2200 + 582
Heebner	3938 - 1156
Toronto	3955 - 1173
Lansing	3973 - 1191
Muncie Cr	4136 - 1354
Stark	4235 - 1453
Hush Puck	4263 - 1481
BKC	4318 - 1536
Marmaton	4332 - 1550
Pawnee	4425 - 1643
Ft. Scott	4477 - 1695
Cherokee	4501 - 1719
Johnson	4540 - 1758
Miss.	4566 - 1784
Miss D.	4590 - 1808
LTD	4606 - 1824

RECORDED  
STATE CORPORATION COMMISSION

FEB 10 1988

KANSAS GEOLOGICAL SURVEY  
WICHITA BRANCH

FEB 11 1988

CONSERVATION DIVISION  
Wichita, Kansas

RELEASED

MAR 30 1989

FROM CONFIDENTIAL

# CHIEF DRILLING CO., Inc.

Drilling Contractors - Oil Producers

151 N. MAIN

SUITE 700

WICHITA, KANSAS 67202

DAILY COMPLETION REPORT

V. RICHARD HOOVER  
PRESIDENT

(316) 262-3791

FULLER #1

SE NW NE SEC. 18-17S-28W

LANE COUNTY, KANSAS

- 1-11-88 Moved in Warrior Double Drum, rigged up, swabbed csg to 3000', ran correlation cement & collar log, Perf. 3 holes 4498-4518-4523
- 1-12-88 Swab to csg, acidize limited entry 7.5 bbls per min. w/1500 gall MCA @ 1700 max pressure, total load 116 bbls, swab to 4000', perf from 4522-4524 4515-4519 4496-4500, swab down 122.73 bbls.  
1/2 hr. test 4.93 bbls., 82% O  
1/2 hr. test 4.93 bbls., 91% O  
1/2 hr. test 4.93 bbls., 93% O  
1/2 hr. test 4.93 bbls., 92% O
- 1-13-88 2202.36' fill up, 2125.46' O, 176.90' W,  
1/2 hr. test 5.80 bbls., 90% O  
1/2 hr. test 4.64 bbls., 90% O  
1/2 hr. test 4.64 bbls., 90% O  
1/2 hr. test 3.48 bbls., 91% O  
Perf. from 4209-4214 4219-4222, 4 holes per expendable. set retrievable plug @ 4290', swab down csg.  
1/2 hr. test 1.16 bbls., trace W  
1/2 hr. test .29 bbls., trace W
- 1-14-88 884' fill up, trW, 1/2 hr. test .29 bbls., O trace W  
Acidized w/500 gall MCA 15% acid treated @ 1 1/2 BPM @ 500# max pressure total load 79 bbls., swab down 86.90 bbls.,  
1/2 hr. test 7.54 bbls., 15% O  
1/2 hr. test 6.38 bbls., 15% O  
1/2 hr. test 5.80 bbls., 14% O  
1/2 hr. test 6.09 bbls., 10% O  
1/2 hr. test 5.80 bbls., 12% O  
1/2 hr. test 5.22 bbls., 13% O
- 1-15-88 1489' fill up, 123' O, 1366' W, ran acid survey log, shows acid went from 4208-4254, ran tubing and packer to squeeze, perfs @ 4209-4214 4219-4222, lost 200# in 2", couldn't get tubing to load, POH w/tbg.packer
- 1-18-88 Hydro test tbg and packer in hole, did not find leak, to late to squeeze
- 1-19-88 Set packer @ 4260', test plug to 1500#, mix & pump 25 sks sand on top of plug, shut down because of blizzard.
- 1-21-88 Injection rate 4 BPM @ 600#, mix and pump 200 sks 60/40 posmix, mix first 10 bbl cement w/2% cc. Squeeze to 1500#, wash cement out of tubing, pressure to 750#, squeeze held wash sand off bridge plug pull plug up hole to 3950', pressure csg to 500#, POH w/tbg, mix and pump 200 sks ATL cement down annulus.
- 1-22-88 Ran temperature survey top of cement, POH w/retrievable plug. Ran rods and tubing  
Mud anchor 28.00  
144 jts. 2. 3/8" tbg 4551.00 (Used)  
Total 4579.00
- 1-25-88 Finish running rods, 181 3/4 rods, 2-6' pony rods, 1-2' pony rod,  
2 x 1 1/2 x 12 THD insert pump, 1-16' polish rod.
- 1-29-88 P.O.P.
- 2-06-88 Bbl. test 35 bbls., O, no W Final report

STATE COMMISSION

FEB 10 1988

CONSULTING DIVISION  
Wichita, Kansas

RELEASED

MAR 30 1989

FROM CONFIDENTIAL

Operator Name ..... Lease Name..... Well #.....

Sec...18... Twp..17S... Rge...28... East West County...Lane

WELL LOG

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 [x] Yes [ ] No
Samples Sent to Geological Survey [x] Yes [ ] No
Cores Taken [ ] Yes [x] No

Formation Description

[x] Log [x] Sample

E-LOG TOPS:

Table with 2 columns: Formation Name and E-LOG TOPS. Includes entries like Anhydrite, Base Anhydr., Heebner, Toronto, Lansing, Muncie Cr., Stark, Hush Puckney, BKC, Marmaton, Pawnee, Ft. Scott, Cherokee Sh, Base Ch. Lime, Miss. Lime, LTD.

-15-85 DST #1 4215-4282 (Lans. 200-220)
30-30-30-30 wk. blow died in 14 min.
Rec. 30' MW IBHP: 1092#, FBHP: 1074#
IFP: 80-80 FFP: 80-80 DST #2 4297
4333 (Marmaton) 30-30-30-30 very wk.
blow died 11 min., No blow on final
flow, Rec. 90' MW; IBHP: 223#, FBHP:
169#
-16-85 Drilling @ 4363'
-17-85 DST #3 4497-4550 (Upper/Lower Chero)
30-30-30-30 Very wk. blow, died in 14
min., final flow no blow, Rec. 20' M;
IBHP: 849#, FBHP: 759#, IFP: 44-44
FFP: 53-53, Logged
-18-85 Plugged w/50sx. 2156' 50 sx. 1356',
40 sx. 750', 40 sx. @ 400', 10 sx. @
40', 15 sx. R.H. 10 sx. M.H. Total
215 sx. 60-40 posmix, 2% gel, 3% c.c.
Clyde Willey District #1 State Plugger
Started 2:00 a.m. completed @ 4:30 a.m.

Well Log

Well Log table with 3 columns: Depth (0, 335, 2156, 2187, 3960, 4315, 4487, 4577), Formation Name (sand, sand/shale/clay, anhydrite, shale, shale/lime, lime/shale, lime, RTD)

CASING RECORD [x] New [ ] Used

Report all strings set-conductor, surface, intermediate, production, etc.

Table with 8 columns: Purpose of String, Size Hole, Size Casing, Weight, Setting, Type of, #Sacks, Type and Percent. Row 1: surface, 12 3/4, 8 5/8, 20#, 347', 60-40, 190, 3%cc 2% gel

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

Table with 4 columns: Shots Per Foot, Specify Footage of Each Interval Perforated, (Amount and Kind of Material Used), Depth. Includes 'RELEASED' stamp.

TUBING RECORD table with 5 columns: Size, Set At, Packer at, Liner Run, Yes/No.

Date of First Production, Producing Method (Flowing, Pumping, Gas Lift, Other).

Estimated Production Per 24 Hours table with 5 columns: Oil, Gas, Water, Gas-Oil Ratio, Gravity.

METHOD OF COMPLETION

Production Interval

Disposition of gas: [ ] Vented [ ] Sold [ ] Used on Lease [ ] Open Hole [ ] Perforation [ ] Other (Specify) [ ] Dually Completed [ ] Commingled

Phone 316-793-5861, Great Bend, Kansas

Phone Ness City 913-798-3842

# ALLIED CEMENTING CO., INC.

No. 2114

Home Office P. O. Box 31

Russell, Kansas 67665

*New*

Date	1-21-88	Sec.	18	Twp.	17	Range	28	Called Out		On Location		Job Start	3/1/88	Finish	3/1/88
Lease	Fuller	Well No.	#1	Location				Dignity - Miller - 500 ft. line				County	KS	State	KS
Contractor	WARRICK														
Type Job	BACKSIDE														
Hole Size	T.D.														
Csg.	Depth														
Tbg. Size	Depth														
Drill Pipe	Depth														
Tool	Depth														
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	Clark F. Drilling Inc.	
Street	1200 N. Vine	
City	Hoisington	State KS 67544
The above was done to satisfaction and supervision of owner agent or contractor		
Purchase Order No.	<i>[Signature]</i>	
<b>CEMENT</b>		
Amount Ordered	200 SKS ATL	
Consisting of		
Common	200 ATL	5.25 1050.00
Poz. Mix		
Gel.		
Chloride		
Quickset		

*NESS*

EQUIPMENT		
Pumptrk	No. 158	Cementer FK4 ZICK
Pumptrk	No.	Helper ID
Bulktrk	68	Driver DLANE
Bulktrk		Driver

DEPTH of Job	
Reference:	
	Pump TRK 450.00
	Jemp SIKKAY 200.00
	Sub Total Tax
	Total 650.00

Remarks: Pressure casing @ 500 #  
 max 300 ft. casing @ 100 #  
 Thank you!

Handling	200	STATE CORPORATION COMMISSION RECEIVED	75	150.00
Mileage	38	APR 27 1988		228.00
		CONSERVATION DIVISION		
		Wichita, Kansas		
		Sub Total		
		Total		1428.00

Floating Equipment

Total \$ 2078.00  
 Less Disc 415.60  
 Net 30 Days 1662.40

# Allied Cementing Co., Inc.



## TEMPERATURE SURVEYS

Send the following information with temperature survey charts:

Date 1-22-84 Place Dighton

Company Name Chief

Mailing Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_

Owner of Well SAME Contractor WARRIOR

Farm FULLER Well No. #1 County Lane Sec. 18 Twp. 17 Rge. 28w

Depth of Well \_\_\_\_\_ Depth of Casing \_\_\_\_\_ New or Used \_\_\_\_\_ Size or Weight \_\_\_\_\_ Size of Hole \_\_\_\_\_ Amount of Cement 200 SRS

Kind of Cement ATL

Survey from Ground level To 2600'

