

STATE OF KANSAS
STATE CORPORATION COMMISSION
200 Colorado Derby Building
Wichita, Kansas 67202

WELL PLUGGING RECORD
K.A.R.-82-3-117

API NUMBER 15-171-20,375-0000

LEASE NAME CHRISTY

WELL NUMBER #1

2970 Ft. from S Section Line

3630 Ft. from E Section Line

SEC. 31 TWP. 18 SRGE. 31 ~~CEX&K(W)~~

COUNTY Scott

Date Well Completed 10-3-88

Plugging Commenced 10-3-88

Plugging Completed 10-3-88

TYPE OR PRINT
NOTICE: Fill out completely
and return to Cons. Div.
office within 30 days.

LEASE OPERATOR Chief Drilling Co., Inc.

ADDRESS 151 N. Main #700, Wichita, KS 67202

PHONE#(316) 262-3791 OPERATORS LICENSE NO. 5886

Character of Well D&A

(Oil, Gas, D&A, SWD, Input, Water Supply Well)

The plugging proposal was approved on 10-3-88 (date)

by Richard Lacey District #1 (Name of Agent's Name).

Is ACO-1 filed? yes If not, is well log attached? NA

Producing Formation NA Depth to Top _____ Bottom 4630 RTD

Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

Formation	Content	From	To	Size	Put in	Pulled out
Surface	7 pts. 303' new	25#		8 5/8"	set @	310' cem w/180sxs 60/40 pozmix 3%cc 2%gel

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same and depth placed, from feet to feet each set.
Plugged w/50 sxs @ 2300', 80 sxs @ 1450', 40 sxs @ 330', solid bridge plug @ 40' w/10 sxs 15 sxs RH, 195 sxs total 60/40 pozmix 6% gel

(If additional description is necessary, use BACK of this form.)

Name of Plugging Contractor Warrior Drilling Co., Rig 1 License No. 5883

Address 151 N. Main #700 Wichita, KS 67202

NAME OF PARTY RESPONSIBLE FOR PLUGGING FEES: Chief Drilling Co., Inc.

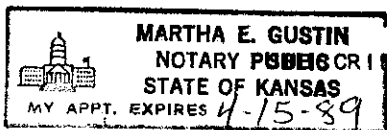
STATE OF Kansas COUNTY OF Sedgwick, ss.

F.W. Shelton, Jr.

(Employee of Operator) ~~XXXXXX~~ of above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed that the same are true and correct, so help me God.

(Signature) F.W. Shelton, Jr.

(Address) 151 N. Main #700, Wichita, KS



My Commission Expires: 4-15-89

Notary Public
Martha E. Gustin

15-171-20375-0000

CHIEF DRILLING CO., Inc.

Drilling Contractors - Oil Producers

151 N. MAIN
SUITE 700

WICHITA, KANSAS 67202

DAILY DRILLING REPORT

API: 15-171-20,375

RIG #1

V. RICHARD HOOVER
PRESIDENT

(316) 262-3791

CHRISTY #1 (#2577)
SW SE NW SEC 31-18S-31W
SCOTT COUNTY, KANSAS

ELEVATION: 2969 GR
2972 DF
2974 KB

9-23-88 Moving in on location, Spudded in @ 1:45 pm, Ran 7 jts. 303' new 25# 8 5/8" csg, set @ 310', cem w/180 sxs 60/40 pozmix, 3%cc 2% gel, Plug down @ 8:00 pm

9-24-88 Drilling @ 500'

9-25-88 Drilling @ 2085'

9-26-88 Drilling @ 2934'

9-27-88 Drilling @ 3360'

9-28-88 Drilling @ 3861' DST#1 3990-4010 (Lans 50z) 30-30-60-60 IF: st bl off bottom in 9 1/2", FF: v st bl, Rec. 63' GIP, 100' ClGO, 980' W, 57,000 ppm, IBHP: 983#, FBHP: 965#, IFP: 62-178 FFP: 223-446

9-29-88 Drilling @ 4010' DST#2 4025-4060 (Lans 70z) 30-30-60-60 IF: v st bl FF: wk to st bl Rec. 1830' W, 67,000 ppm, IBHP: 983#, FBHP: 983#, IFP: 65-983 FFP: 983-983

9-30-88 Drilling @ 4173' DST#3 4200-4240 (Lans 180) 30-30-45-45 IF: wk to st bl, FF: st bl, Rec. 630' W, 62,000 ppm, IBHP: 1074# FBHP: 1056#, IFP: 89-125 FFP: 178-312

10-01-88 DST#4 4230-4310 (Lans 200-220) 30-30-45-45, IF: v st bl, FF: v st bl, Rec. 1050' W, 62,000 ppm, IBHP: 1164#, FBHP: 1164#, IFP: 133-267 FFP: 357-535

10-02-88 DST#5 4330-4430 (Marmaton) 30-30-30-30 IF: wk bl died 6", Rec, 3 1/2' M, IBHP: 267#, FBHP: 223#, IFP: 89-89 FFP: 89-89

10-03-88 RTD 4630, Ran E-log Preparing to plug Plugged w/50 sxs @ 2300', 80 sxs @ 1450', 40 sxs @ 330' solid bridge plug @ 40' w/10 sxs, 15 sxs RH, 195 sxs total 60/40 pozmix, 6% gel, Started @ 5:50 pm, Comp. @ 8:37 pm, Richard Lacey Dist. #1 State Plugger Final Report

FORMATION TOPS:

Anhydrite	2289 +	685
Base Anhy.	2306 +	668
Heebner	3908 -	934
Lansing	3961 -	987
Muncie Creek	4131 -	1157
Stark	4232 -	1258
BKC	4312 -	1338
Marmaton	4340 -	1366
Pawnee	4441 -	1467
Ft Scott	4470 -	1496
Cherokee	4494 -	1520
Mississippi	4585 -	1611
RTD	4630 -	1656
Anhydrite		
Base Anhy		
Heebner	3906 -	932
Lansing	3956 -	982
Muncie Cr.	4131 -	1157
Stark	4232 -	1258
BKC	4312 -	1338
Marmaton	4340 -	1366
Pawnee	4442 -	1468
Ft. Scott	4482 -	1508
Cherokee	4502 -	1528
Mississippi	4582 -	1608
LTD	4631 -	1657

RECEIVED
STATE CORPORATION COMMISSION
OCT 12 1988
10-12-88
CONSERVATION DIVISION
Wichita, Kansas

NOTICE OF INTENTION TO DRILL

(see rules on reverse side)

Expected Spud Date. 9 23 88 month day year

API Number 15- 171- 20,375 - 0000 2

OPERATOR: License # 5886
Name Chief Drilling Co., Inc.
Address 151 N. Main #700
City/State/Zip Wichita, KS 67202
Contact Person Douglas W. Thimesch
Phone 316-262-3791

SW SE NW Sec. 31 Twp. 18S S. Rg. 31 East
2970 Ft. from South Line of Section
3630 Ft. from East Line of Section

CONTRACTOR: License # 5883
Name Warrior Drilling Co. Rig #1
City/State Wichita, KS 67202

(Note: Locate well on Section Plat on reverse side)
Nearest lease or unit boundary line 330 feet
County Scott

Well Drilled For: Well Class: Type Equipment:
X Oil Storage Infield X Mud Rotary
Gas Inj Pool Ext Air Rotary
OWWO Expl X Wildcat Cable

Lease Name Christy Well # 1
Ground surface elevation Will provide feet MSL
Domestic well within 330 feet: yes X no

If OWWO: old well info as follows:

Operator
Well Name
Comp Date Old Total Depth

Municipal well within one mile: yes X no
Depth to bottom of fresh water 150
Depth to bottom of usable water 1300
Surface pipe by Alternate: 1 2 X
Conductor pipe planned to be set 275
Conductor pipe required None
Projected Total Depth 4750 feet
Formation Mississippi

I certify that well will comply with K.S.A. 55-101, et seq., plus eventually plugging hole to KCC specifications.

Date 9-19-88 Signature of Operator or Agent Douglas W. Thimesch Title Vice President

For KCC Use:

Conductor Pipe Required feet Minimum Surface Pipe Required 200 feet per Alt. X 2
This Authorization Expires 3-20-89 Approved By GKM 9-20-88

EFFECTIVE DATE: 9-25-88

Set 300' of 8 5/8 on 9-23-88

SW SE NW Sec. 31 Twp. 18S S. Rg. 31 East X West

RECEIVED STATE CORPORATION COMMISSION

PLUGGING PROPOSAL IF ABOVE IS D & A

This plugging proposal will be reviewed and approved or revised at the time the district office is called prior to setting surface casing (call 7 a.m. to 5 p.m. workdays).

1st plug @ ft. deep or formation with 50 feet of 60/40 pozmix
2nd plug @ ft. deep or formation with 80 feet of
3rd plug @ ft. deep 800 or formation with 30 feet of
4th plug @ ft. deep 395 or formation with 40 feet of
5th plug @ ft. deep or formation with feet of

(2) Rathole to surface minus 5 feet 10 SXS DNA (b) Mousehole to surface minus 5 feet

PUSHER Marion Barris
TD 4630 FORMATION Miss
SURFACE PIPE 8 5/8 @ 306
ANEHYDRITE 2287-2306 ELEVATION
STARTING TIME & DATE 6:00 pm 10-3-88
COMPLETION TIME & DATE 8:32 pm 10-3-88
1st PLUG @ 2300 FT. W/ 50 SX
2nd PLUG @ 1450 FT. W/ 80 SX
3rd PLUG @ 330 FT. W/ 40 SX
4th PLUG @ 40 FT. W/ 10 SX
RAT HOLE CIRCULATED W/ 15 SX
MOUSE HOLE CIRCULATED W/ SX
WATER WELL PLUGGED W/ SX

CEMENT COMPANY Allied
TECHNICIAN R. L.
60/40 poz 6% gel