

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

SIDE ONE

Two (2) copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within thirty (30) days after the completion of a well, regardless of how the well was completed.

Attach separate letter of request if the information is to be held confidential. If confidential, only file one copy. Information on Side One will be of public record and Side Two will then be held confidential.

Applications must be made on dual completion, commingling, salt water disposal, injection and temporarily abandoned wells.

Attach one copy only wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.). (Rules 82-2-105 & 82-2-125) KCC# (316) 263-3238.

LICENSE # 5886 Operator # 5883 Rig #2 EXPIRATION DATE

OPERATOR Chief Drilling Co., Inc. API NO. 15-101-20,717

ADDRESS 905 Century Plaza Wichita, Ks. 67208 COUNTY Lane FIELD

* CONTACT PERSON F. W. Shelton, Jr., Vice Pres. PHONE 316-262-3791

PURCHASER None LEASE Terwilliger "A"

ADDRESS State Geological Survey WELL NO. #1 1650 FSL; 3960 FGL

WICHITA BRANCH

DRILLING Warrior Drilling Co., Rig #2 990' Ft. from N Line and

CONTRACTOR ADDRESS 905 Century Plaza Wichita, Ks. 67202 1320' Ft. from W Line of the SW/4Qtr.) SEC 34 TWP 16 S RGE 28 W.

PLUGGING Contractor Warrior Drilling Co., Rig #2

ADDRESS Same as above

TOTAL DEPTH 4613 RTD PBD

SPUD DATE 11-03-82 DATE COMPLETED 11-13-82

ELEV: GR 2756 DF 2760 KB 2763

RILLED WITH (CABLE) (ROTARY) (AIR) TOOLS.

DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE

Amount of surface pipe set and cemented 8 1/2 its, set DV Tool Used?

THIS AFFIDAVIT APPLIES TO: (Circle ONE) - Oil, Gas, Shut-in Gas, Dry, Disposal, Injection, Temporarily Abandoned, OWWO. Other

ALL REQUIREMENTS OF THE STATUTES, RULES AND REGULATIONS PROMULGATED TO REGULATE THE OIL AND GAS INDUSTRY HAVE BEEN FULLY COMPLIED WITH.

AFFIDAVIT

F.W. Shelton, Jr., being of lawful age, hereby certifies that:

I am the Affiant, and I am familiar with the contents of the foregoing Affidavit. The statements and allegations contained therein are true and correct.

F.W. Shelton Jr.

SIDE TWO

ACO-1 WELL HISTORY

OPERATOR Chief Drilling CO., Inc. LEASE Terwilliger "A" SEC. 34 TWP 16S RGE. 28W

FILL IN WELL LOG AS REQUIRED:

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.			SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.	
FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
DST #1 4228 - 4273 (200 zone) 30-30 60-45 wk. blow bldg. to fair fair blow throughout, Rec. 100' oil specked mud, 90' muddy water, IBHP: 975#, FBHP: 930#, FP: 100-100			Anhydrite Base Anhydr. Heebner Lansing Muncie Cr. Stark Hush Puck BKC Pawnee Ft. Scott Cherokee Miss. Lime Miss. Dol. RTD	2152 + 611 2195 + 568 3950 - 1187 3986 - 1223 4139 - 1376 4241 - 1478 4276 - 1513 4306 - 43 4447 - 1684 4483 - 1720 4503 - 1740 4580 - 1717 4602 - 39 4613 - 1850
DST #2 4270 - 4311 (220 zone) 30-30-30-30 strong blow throughout, Rec. 758' MW, IBHP: 970#, FBHP: 825# IFP: 70 - 225, FFP: 230 - 350				
DST #3 4300 - 4370 (Marmaton "A") 30-30-60-45 wk. blow bldg. to fair, fair blow bldg. to strong, Rec. 320' Muddy Water IBHP: 1125#, FBHP: 1000#, IFP: 70 - 175 FFP: 175 - 240				
DST #4 4340 - 4420 (Lower Marmaton) 30-30-60-45 steady wk. blow throughout, Rec. 85' slightly oil cut mud, IBHP: 100 FBHP: 90 FP: 50-50				
DST #5 4423 - 4481 30-30-60-45 (Lower Pawnee) wk. blow throughout, Rec. 55' Water cut mud, w/oil spots, IBHP: 95#, FBHP: 80# FP: 70-70				
DST #6 4466 - 4553 (Ft. Scott - Cherokee) 30-30 -30-30 strong blow for 60 min, Rec. 210' very slightly oil spotted mud, 30' heavy oil cut mud, IBHP: 1190#, FBHP: 1140# IFP: 70-150 FFP: 175 - 230				
DST #7 4533 - 4570 30-30-60-45 (Cherokee sand) very wk. blow 90 min., rec. 12' mud, IBHP: 65 FBHP: 50 FP: 50-50 tried to log but couldn't				
Plugged w/175 sx. 50-50 pos mix, 4% gel 3% c.c. plugged @ 1960 w/35 sks. 1140 w/70 sks. 450 w/ 40 sks, 10 sks. cement @ 40', 10 sks. in rat hole & 10 sks. in mouse hole, Steve Durrant State Plugger Belpree, Began @ 2:00 p.m. completed @ 5:30 p.m. T.D. 4610'				

WELL LOG

Surface Clay	0	333
Sand & Clay	333	335
Snad & Shale	815	2 7
Shale	2127	2152
Anhydr.	2152	2195
Shale	2195	3170
Sh. & Ln.	3170	3775
for Lime	3775	4173
Lm. & Sh.	4173	4370
Lime	4370	4373
RTD	4613	

D & A

Report of all strings set—surface, intermediate, production, etc. CASING RECORD (New) or (Used)

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
	12 1/4	8 5/8"	20#	330'	common 3%	185 sx.	c.c. 2% gel

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval

TUBING RECORD

Size	Setting depth	Packer set at

CHIEF DRILLING CO., Inc.

Drilling Contractors - Oil Producers

SUITE 905 CENTURY PLAZA

WICHITA, KANSAS 67202

DAILY DRILLING REPORT

V. RICHARD HOOVER
PRESIDENT

RIG #2

RECEIVED
STATE CORPORATION COMMISSION

NOV 18 1982

CONSERVATION DIVISION
Wichita, Kansas

(316) 262-3791

TERWILLIGER "A" #1
C S/2 N/2 SW/4 Sec. 34-16S-28W
LANE COUNTY, KANSAS

ELEVATION:

2756 GR.
2760 D.F.
2763 K.B.

FORMATION TOPS:

Anhydrite	2152	+	611
Base Anhydr.	2195	+	568
Heebner	3950	-	1187
Lansing	3986	-	1223
Muncie Cr.	4139	-	1376
Stark	4241	-	1478
Hush Puck	4276	-	1513
BKC	4306	-	1543
Pawnee	4447	-	1684
Ft. Scott	4483	-	1720
Cherokee	4503	-	1740
Miss. Lime	4580	-	1817
Miss. Dol.	4602	-	1839
RTD	4613	-	1850

1-02-82 Moving in
11-03-82 Finished moving in spudded in
@ 1:00 p.m., ran 8 jts. new 20#
8 5/8", set @ 330', cemented w/
185 sx. common, 3% c.c., 2% gel
Plug was down @ 7:45 p.m.
11-04-82 Drilling @ 1008'
11-05-82 Drilling @ 2565'
11-06-82 Drilling @ 3395'
11-07-82 Drilling @ 3967'
11-08-82 Drilling @ 4255' DST #1 4228 - 4273
(200 zone) 30-30-60-45 wk. blow bldg.
to fair, fair blow throughout, Rec.
100' oil specked mud, 90' muddy water
IBHP: 975#, FBHP: 930#, FP: 100-100
11-09-82 Running DST #2 4270 - 4311 (220 zone)
30-30-30-30 strong blow throughout
Rec. 758' MW, IBHP: 970 FBHP: 825
IFP: 70 - 225, FFP: 230 - 350
DST #3 4300 - 4370 (Marmaton A)
30-30-60-45 wk. blow bldg. to fair,
fair blow bldg. to strong, Rec. 320'
MW, IBHP: 1125#, FBHP: 1000 IFP: 70-175
FFP: 175 - 240
11-10-82 Drilling @ 4416' DST #4 4340 - 4420 (Lower Marmaton)
30-30-60-45 steady wk. blow throughout
Rec. 85' slightly oil cut mud, IBHP: 100
FBHP: 90 FP: 50-50
11-11-82 DST #5 4423 - 4481 30-30-60-45 (Lower Pawnee)
wk. blow throughout Rec. 55' Water cut mud
w/oil spots, IBHP: 95 FBHP: 80 FP: 70 - 70
11-12-82 DST #6 4466 - 4553 (Ft. Scott - Cherokee)
30-30-30-30 strong blow for 60 min.
Rec. 210' Very slightly oil spotted mud,
30' Heavy oil cut mud, IBHP: 1190#, FBHP: 1140#
IFP: 70-150 FFP: 175-230 DST #7 4533 - 4570
30-30-60-45 (Cherokee Sand) very wk. blow for
90 min., Rec. 12' mud, IBHP: 65 FBHP: 50
FP: 50-50 Tried to log but couldn't
11-13-82 Plugged w/175 sx. of 50-50 pos mix, 4% gel,
3% c.c., plugged @ 1960 w/35 sks, 1140 w/70 sks,
450 w/40 sks, 10 sks. cement @ 40', 10
sks. in rat hole, & mouse hole, Steve Durrant
Belpree, State plugger, Began @ 2:00 p.m. completed
@ 5:30 p.m. T.D. 4610'.