

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

Compt. \_\_\_\_\_

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.

F 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.

C 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 EXPIRATION DATE 6-30-82

OPERATOR Chief Drilling Co., Inc. API NO. 15-135-22,364-0000

ADDRESS 905 Century Plaza COUNTY Ness

Wichita, Kansas 67202 FIELD

\*\* CONTACT PERSON F.W. Shelton, Jr., Vice Pres. PROD. FORMATION Mississippi PHONE (316) 262-3791

PURCHASER LEASE Carlson

ADDRESS WELL NO. #1

DRILLING Contractor Warrior Drilling Co., #2 WELL LOCATION NW NW SW

CONTRACTOR ADDRESS 905 Century Plaza 2210Ft. from south Line and

Wichita, Ks., 67202 330Ft. from west Line of

PLUGGING Contractor the SW (Qtr.) SEC 17 TWP 16S RGE 26 (W).

ADDRESS

WELL PLAT (Office Use Only)

TOTAL DEPTH 4600 RTD PBD

SPUD DATE 2-25-83 DATE COMPLETED 3-07-83

ELEV: GR 2629 DF 2633 KB 2636

DRILLED WITH (ROTARY) TOOLS.

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

Amount of surface pipe set and cemented 322' set @ DV Tool Used? no

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.

A F F I D A V I T

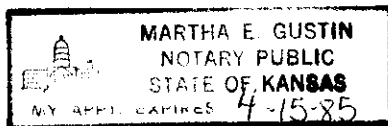
F.W. Shelton, Jr., Vice President being of lawful age, hereby certifies that:

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.

(Signature) F.W. Shelton, Jr., Vice Pres.

SUBSCRIBED AND SWORN TO BEFORE ME this 12th day of April

1983



MY COMMISSION EXPIRES: 4-15-85

(Signature) (NOTARY PUBLIC) Martha E. Gustin

\*\* The person who can be reached by phone regarding any questions concerning this information.

APR 13 1983 4-13-83 CONSERVATION DIVISION Wichita, Kansas

OPERATOR Chief Drilling Co., INCREASE Carlson #1

SEC 17 TWP 16S RGE. 26 (W)

FILL IN WELL INFORMATION AS REQUIRED:

WELL NO. #1

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.

FORMATION TOPS:

3-04-83 Drilling @ 4490' DST #1 4455 - 4537  
Mississippi zone 30-30-45-45 weak blow on 1st open, slowly decreasing on 2nd opening, Rec. 15' thin mud w/few spots of oil on top of tool. IBHP: 217#, FBHP: 150#, IFP: 50-58 FFP: 58-58

3-05-83 DST #2 4535 - 4542 Misrun packer failure  
DST #3 4453 - 4542 Mississippi 30-30-90-45 wk. steady blow on both flow periods, Rec. 35' slightly oil cut mud, 5' of free oil, 40' total fluid, IBHP: 626#, FBHP: 275# IFP: 50 - 58 FFP: 58 - 66

3-06-83 DST #4 4456 - 4550 30-30-60-45 wk. steady blow throughout both flow periods, Rec. 75' slightly oil cut mud, 5' free oil, IBHP: 858#, FBHP: 833#, IFP: 66 - 75 FFP: 83 - 91  
DST #5 4452 - 4559 30-30-45-45 weak blow increasing to good through both flow periods, Rec. 265' slightly oil cut mud, 25% water, IBHP: 1015# FBHP: 966#, IFP: 83 - 125 FFP: 133 - 175

3-07-83 T.D. 4600' Running E. log. Ran 115 jts. new 4 1/2" 4624' set @ 4599', 1' off bottom, 5 centralizers, 4584', 4490', 4167', 4091' 2038', cement control basket @ 2055', 15' shoe jt., cemented w/200 sx., 60-40, 10% salt, 5 bbl. salt flush ahead, plug down @ 8:45

Anhydrite	2019	+	617
Base Anhydrite	2084	+	552
Heebner	3880	-	1244
Lansing	3923	-	1287
Stark Shale	4170	-	1534
BKC	4272	-	1636
Marmaton	4296	-	1660
Pawnee	4376	-	1740
Ft. Scott	4433	-	1797
Cherokee	4458	-	1822
Mississippi	4532	-	1896
RTD	4600	-	1964

E-LOG TOPS:

Heebner	3881	-	1245
Lansing	3922	-	1286
Stark	4169	-	1533
BKC	4270	-	1634
Marmaton	4288	-	1652
Pawnee	4374	-	1738
Ft. Scott	4434	-	1798
Cherokee	4459	-	1823
Mississippi	4535	-	1899
LTD	4601	-	1965

WELL LOG

Sand	0	-	322
Sand & Shale	322	-	1871
Sand & Shale	1871	-	2019
Anhydrite	2019	-	2084
Shale	2084	-	2950
Shale & Lime	2950	-	3274
Lime & Shale	3274	-	4211
Shale & Lime	4211	-	4398
Lime	4398	-	4600
RTD	4600	-	

If additional space is needed use Page 2, Side 2

Report of all strings set -- surface, intermediate, production, etc. CASING RECORD (New) or ~~EXISTING~~

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
surface	12 1/4	8 5/8	20#	329'	60-40 posmix	180sx	3% c.c. 2% gel
production		4 1/2	10.5#	4599'	60-40 posmix	200sx	10% salt 5 bbl. salt flush ahead

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement
none		

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
4 sh.per'	Perforated 2 holes @	4538 - 4542
		4247'

TUBING RECORD

Size	Setting depth	Packer set at	
none		4 sh.per'	4544 - 4548
			4550 - 4557

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
acidized w/250 gal 15% INS 6 gal per min., @ 500# max. press.	
spot 250 gal, 15% acid	
acidized w/250 gal. INS 15% acid	
acidized w/750 gal. INS 15% & 250# benzoic acid flakes	

Date of first production	Producing method (flowing, pumping, gas lift, etc.)	Gravity
temp. abandoned 3-31-83		
Estimated Production -I.P.	Oil	Gas
none	none	none
	Water %	Gas-oil ratio

Disposition of gas (vented, used on lease or sold) temporarily abandoned  
Perforations 4538-4542; 4544-4548; 4550-4557  
Perf. 2 holes @ 4247'

# CHIEF DRILLING CO., Inc.

Drilling Contractors - Oil Producers

SUITE 905 CENTURY PLAZA

WICHITA, KANSAS 67202

V. RICHARD HOOVER  
PRESIDENT

RIG #2

(316) 262-3791

## DAILY DRILLING REPORT

CARLSON #1 (#1987)  
NW NW SW Sec. 17-16S-26W  
Ness County, Kansas

ELEVATION: 2629 GR.  
2633 D.F.  
2636 K.B.

2-24-83 Moving to location  
2-25-83 Finished moving in on location  
Spudded in @ 4:30 p.m., Ran 8 jts.  
322', new 20#, 8 5/8" set @ 329'  
cem. w/180 sx., 60-40 sx., 3% c.c.  
2% gel.,  
2-26-83 Drilling On plug  
2-27-83 Drilling @ 2156'  
2-28-83 Drilling @ 2970'  
3-01-83 Drilling @ 3433'  
3-02-83 Drilling @ 3932'  
3-03-83 Drilling @ 4229'  
3-04-83 Drilling @ 4490' DST #1 4455 - 4537  
Mississippi zone 30-30-45-45 weak  
blow on 1st open, slowly decreasing  
on 2nd opening, Rec. 15' thin mud  
w/few spots of oil on top of tool.  
IBHP: 217#, FBHP: 150#, IFP: 50-58  
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wk. steady blow on both flow periods, Rec.  
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IFP: 50 - 58 FFP: 58 - 66

3-06-83 DST #4 4456 - 4550 30-30-60-45 wk. steady  
blow throughout both flow periods, Rec.  
75' slightly oil cut mud, 5' free oil,  
IBHP: 858#, FBHP: 833#, IFP: 66 - 75  
FFP: 83 - 91 DST #5 4452 - 4559 30-30-  
45-45 weak blow increasing to good  
through both flow periods, Rec. 265' sli-  
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2038', cement control basket @ 2055', 15' shoe  
jt., cemented w/200 sx., 60-40, 10% salt,  
5 bbl. salt flush ahead, plug down @ 8:45

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RECORDED  
STATE CORPORATE COMMISSION

APR 13 1983

CONSERVATION DIVISION  
Wichita, Kansas

# CHIEF DRILLING CO., Inc.

Drilling Contractors - Oil Producers

SUITE 905 CENTURY PLAZA

WICHITA, KANSAS 67202

V. RICHARD HOOVER  
PRESIDENT

(316) 262-3791

## DAILY COMPLETION REPORT

CARLSON #1

NW NW SW Section 17-16S-26W

Ness County, Kansas

- 3-16-83 Move in cable tools, rigged up, ran correlation, cement bond log, Perf. 4538 - 4542, 4 shots per foot. Swab hole part way down.
- 3-17-83 Finished swabbing, 1 hr. test, 2 gal. oil, Acidize w/250 gal. 15% Ins. 6 gal. per minute, @ 500# max pressure. 75 bbl. total load, swab down, 74.64 bbls.
- |            |           |           |
|------------|-----------|-----------|
| 1 hr. test | 1.16 bbl. | all water |
| 2 hr. test | 1.16 bbl. | all water |
- 3-18-83 1400' fill up, all water,
- |            |           |           |
|------------|-----------|-----------|
| 1 hr. test | 1.16 bbl. | all water |
| 2 hr. test | 1.16 bbl. | all water |
| 3 hr. test | 1.16 bbl. | all water |
| 4 hr. test | 1.16 bbl. | all water |
- 3-21-83 Ran tubing and packer to 4495' took injection test, 4 BPM @ 1800#, mix 150 sxs cement. Squeeze w/2500#, wash out packer, squeeze did not hold, pull 5 jts. tubing, pressure to 2500#, shut well in.
- 3-22-83 Pull tubing and test CSG w/packer every 500', found hole in casing @ 4247', could not pump into hole. POH w/tubing and packer. Perf. 2 holes @ 4247', went back in hole w/tubing and packer. Get ready to squeeze.
- 3-23-83 Spot 250 gal. 15% acid. Took injection rate 2 bbl. per min @ 1000#, Mix 150 sxs cement, squeeze @ 2500#, Wash out cement pressure up to 1000#, pressure dropped after 10 min. to 250#, POH w/tubing and packer.
- 3-24-83 Swab down casing, dull out 20' cement @ 4247', drilling on cement @ 4490', clean out to float @ 4586'.
- 3-25-83 400' fill up w/50' oil on top.
- |            |          |                      |
|------------|----------|----------------------|
| 1 hr. test | 1/2 bbl. | water w/trace of oil |
| 2 hr. test | 1/2 bbl. | water w/trace of oil |
- 3-28-83 Perf. 4/ft. @ 4544' - 4548', ran tubing and packer 59 4527', Set packer and swab tubing down. 2 hr. test dry, acidize w/250 gal. INS 15%. Acid wouldn't go. Shut well in @ 1000'.
- 3-29-83 Pressure still on casing, pump 6 bbl. fluid to displace acid @ 1000#, 6 gal per min, total load 24 bbl. Swab down, 23.89 bbl.
- |            |            |                |
|------------|------------|----------------|
| 1 hr. test | 4.93 bbls. | w/trace of oil |
| 2 hr. test | 3.77 bbls. | w/trace of oil |
| 3 hr. test | 3.77 bbls. | w/trace of oil |
- 3-30-83 Perf. 4550' - 4557', swab tubing down.
- |            |             |        |
|------------|-------------|--------|
| 1 hr. test | 3.48 w/scum | of oil |
| 2 hr. test | 3.45 w/scum | of oil |
- Acidized w/750 gal. 15% INS + 250# of benzoic acid flakes, 1/4 bbl. per min. at 3000#, max PSI, 40.5 bbl. total load. Swab down 17.48 bbl. Tubing plugged off 130 ft. off bottom.
- 3-31-83 Tubing plugged w/acid flakes, 130' off bottom, POH w/tubing and packer, Swab tubing down.
- |            |           |               |
|------------|-----------|---------------|
| 1 hr. test | 5.22 bbls | w/scum of oil |
| 2 hr. test | 5.12 bbls | w/scum of oil |
- Shut down - Temporarily abandoned

STATE COMMISSION

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CONSERVATION DIVISION  
Wichita, Kansas