

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 151 N. MAIN #700
WICHITA, KS. 67202
City/State/Zip

Purchaser NA

Operator Contact Person F.W. SHELTON, JR.
Phone 316-262-3791

Contractor: License # 5883
Name WARRIOR DRILLING CO.

Wellsite Geologist Jim Gribbi
Phone 684-6413

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If OWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
6-14-88 6-25-88 8-01-88
Spud Date Date Reached TD Completion Date
4620' 4561 will P&A upon approval
Total Depth PBTD plugged 11-01-88
Amount of Surface Pipe Set and Cemented at 260' feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set NA feet
If alternate 2 completion, cement circulated from NA feet depth to NA w/ SX cmt
Cement Company Name NA
Invoice # NA

API NO. 15-15-171-20,372-00-00
County SCOTT
SW SW SW Sec. 24 Twp. 17S Rge. 31 East
X West

330 Ft North from Southeast Corner of Section
4950 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

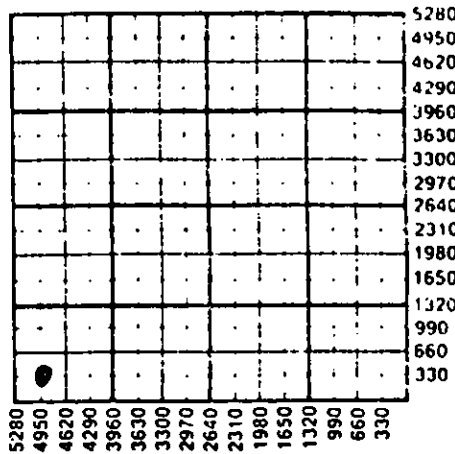
Lease Name NEWCOMER Well # 1

Field Name

Producing Formation NA

Elevation: Ground 2907 KB 2912

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit # Applied for

Groundwater Ft North from Southeast Corner
(Well) Ft West from Southeast Corner of
NW/4 Sec 35 Twp 17 Rge 31 East West

Surface Water Ft North from Southeast Corner
(Stream, pond etc) Ft West from Southeast Corner
Sec Twp Rge East West

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

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 by the Conservation Division 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.,
Title VICE PRESIDENT Date 11-08-88

Subscribed and sworn to before me this 8th day of November 1988.
Notary Public Martha E. Gustin

Date Commission Expires



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)
11-10-88
Form ACO-1 (5-86)

Sec. 24 Twp. 17 Rge. 31 E

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

Sec. 24 Twp. 17S Rge. 31 East West County Scott

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

Name Top Bottom

Table with 2 columns: FORMATION TOPS and E-LOG TOPS. Lists various geological formations like Anhydrite, Base Anhy, Heebner, etc. with their respective top and bottom depths.

6-20-88 DST #1 4115-4208 (140-160-180 zones)
30-30-45-45 IP: st bl off bottom 3", FF:
st bl off bottom immediately, Rec. 1700'
W, chl. 87,000 ppm, IBHP: 1028#, FBHP:
1028#, IFF: 89-357 FFP: 446-715
6-21-88 DST #2 4210-4240 (Lans. 200z) 30-30-30-90
Rec. 2100' W, chl. 76,000 ppm, IBHP: 956#
FBHP: 956#, IFF: 133-526 FFP: 580-759
DST #3 4348-4377 (Marm.-Bz) 30-30-60-45,
Rec. 250' W, 50' C1 O, chl. 56,000 ppm,
IBHP: 1028#, FBHP: 1010#, IFF: 62-98 FFP:
116-169
6-22-88 Drilling @ 4409'
DST #4 4411-4512-covers Pawnee, Ft. Scott and Upper
Cherokee. 30-30-60-45. Rec. 600' GIP 150' OGCM, 68%
gas, 5% oil, 27% mud. 150' OGCM 59% gas, 8% oil, 33%
mud, total 300' fluid. SIP 1047-1019, FP 98-125, 151-169
6-23-88 DST #5 4487-4512 (retest bottom of #4- U. Cherokee)
30-30-60-45 SBOB/45 sec. in both flows. Rec 1000' GIP,
210' CGO SIP 921-921 FP 62-80 89-107.
6-24-88 DST #6 4522-4562 - Johnson zone - 30-30-30-30 Rec 15'
mud w/approx 1 cup of oil on top. SIP 44-71 FP 44-44 71-71
Rotary total depth 4620-1708. Ran elec. log-preparing to
run casing.
6-25-88 Ran csg. 113 jts 4582' used 10 1/2 # 4 1/2" . set @ 4587'
Combination centralizer & basket @ 2280'. Centralizers
@ 4579'-4550'-4467'. Float @ 4579'. 20# mud flush aher
of cement. Cem. w/ 150 sks ASC. Plug down @ 1:45 pm.
RTD 4620' Final Report

Preparing to plug
Plugged By Rockhold Engineering; dumped sand to 4220' & 4 sxs cem,
shot csg at 300', 2500', & 1350', Allied squeezed well w/5 sxs gel
50 sxs 60/40 pozmix, 6% gel, displaced to 1300', shot csg @ 600',
spotted 50 sxs cem, pulled csg to 275', spotted 40 sxs cem, pulled
csg to 40', pumped 10 sxs cem, Steve Durrant Dist #1 State Plugger
Final Report

CASING RECORD [X] New & [X] Used

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

Table with 8 columns: 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. Includes rows for Surface and Production casing.

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 acidizing and squeeze records.

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

Date of First Production Producing Method
NA [] Flowing [] Pumping [] Gas Lift [] Other (explain)
preparing to plug NA

Table with 6 columns: Estimated Production Per 24 Hours, Oil, Gas, Water, Gas-Oil Ratio, Gravity. Includes 'plugging' entry.

METHOD OF COMPLETION

Production Interval

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

NA preparing to plug and abandon

15-171-20372-00-00

CHIEF DRILLING CO., Inc.

Drilling Contractors - Oil Producers

151 N. MAIN

SUITE 700

WICHITA, KANSAS 67202

V. RICHARD HOOVER
PRESIDENT

DAILY DRILLING REPORT

(316) 262-3791

API: 15-171-20,372

RIG #1

NEWCOMER #1
SW SW SW SEC. 24-17S-31W
SCOTT COUNTY, KANSAS

ELEVATIONS: 2907 GR
2910 DF
2912 KB

6-13-88 Moving in on location

6-14-88 Finished moving in, Spudded in @ 1:15 pm
Ran 6 jts new 8 5/8" csg. set @ 260', cem
w/160 sks 60/40 pozmix 3%cc 2% gel, plug
down @ 5:45 pm

6-15-88 Drilling @ 730'

6-16-88 Drilling @ 2444'

6-17-88 Drilling @ 3120'

6-18-88 Drilling @ 3511' broke down 8 hrs.

6-19-88 Drilling @ 3940'

6-20-88 DST #1 4115-4208 (140-160-180 zones)
30-30-45-45 IF: st bl off bottom 3", FF:
st bl off bottom immediately, Rec. 1700'
W, chl. 87,000 ppm, IBHP: 1028#, FBHP:
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mud, total 300' fluid. SIP 1047-1019, FP 98-125, 151-169.

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210' CGO SIP 921-921 FP 62-80 89-107.

6-24-88 DST #6 4522-4562 - Johnson zone - 30-30-30-30 Rec 15'
mud w/approx 1 cup of oil on top. SIP 44-71 FP 44-44 71-71
Rotary total depth 4620-1708. Ran elec. log-preparing to
run casing.

6-25-88 Ran csng. 113 jts 4582' used 10 1/2 # 4 1/2" , set @ 4587'.
Combination centralizer & basket @ 2280'. Centralizers
@ 4579'-4550'-4467'. Float @ 4579'. 20# mud flush ahead
of cement. Cem. w/ 150 sks ASC. Plug down @ 1:45 pm.
RTD 4620' Final Report

FORMATION TOPS:

Anhydrite 2270 + 642
Base Anhy 2289 + 623
Heebner 3894 - 982
Toronto 3915 -1003
Lansing 3938 -1026
Muncie Cr 4117 -1205
Stark 4211 -1299
Hush Puck 4258 -1346
Marmaton 4340 -1428
Pawnee 4418 -1506
Ft. Scott 4465-1553
Cherokee Sh. 4488-1576
Johnson 4527-1615
Mississippi 4560-1648
RTD 4620 -1708

E-LOG TOPS:

Anhydrite 2230 + 682
Base Anhy 2288 + 624
Heebner 3897 - 985
LKC 3936 -1024
Muncie Cr 4116 -1204
Stark 4211 -1299
Hush Puck 4257 -1345
BKC 4297 -1385
Marmaton 4336 -1424
Pawnee 4416 -1504
Ft. Scott 4463 -1551
Cherokee 4486 -1574
Miss 4556 -1644
LTD 4620 -1708

RECEIVED
STATE CORPORATION COMMISSION

JUN 20 1988

CONSTRUCTION DIVISION
Wichita, Kansas

15-171-20372-00-80

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Drilling Contractors - Oil Producers

151 N. MAIN

SUITE 700

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PRESIDENT

DAILY COMPLETION REPORT

(316) 262-3791

NEWCOMER #1

SW SW SW SEC. 24-17S-31W

SCOTT COUNTY, KANSAS

- 7-19-88 Moved in Warrior Drilling Double Drum, rigged up p.m.
- 7-20-88 Ran Correlation cement bond log, swabbed csg down, Perf.
4 shots per ft. from 4498-4505
1/2 hr test dry
acidized w/500 gallons acid, on bottom at 2:00 p.m., pressure bound @ 1200# pressure, let acid set overnight
- 7-21-88 No pressure on casing, swabbing, tested @ 3200'
1/2 hr test 3.48 bbls. all W
ran acid survey, did not show it communicated, suspect hole in pipe. set retrievable bridge plug @ 4400' above perms. Swabbed to 2200'
- 7-22-88 Confirmed hole in casing, shut down waiting on tubing
- 7-25-88 Running tubing and packer, set packer @ 4460', acidized w/500 gall 15% MCA acid, 1/2 bbl per min, max pressure 150#, total load 30 1/2 bbls., swabbed down 24.22 bbls.,
1/2 hr. test 1.78 bbls., 70% O
1/2 hr. test 1.87 bbls., 84% O (29 gr.)
- 7-26-88 1668' fill up, 1518' O, 150' W, acidized w/1500 gallons INS 3 bbls per min, max pressure 550#, total load 56.5 bbls, swabbing
1/2 hr. 1.45 bbls 44% O
1/2 hr. 1.45 bbls 53% O
1/2 hr. 1.16 bbls 65% O
1/2 hr. .87 bbls 75% O
1/2 hr. .87 bbls 79% O
1/2 hr. .57 bbls 82% O
Perf. 4367-4369 4 sh. per ft.
- 7-27-88 Ran tubing back in hole, swabbed, acidized w/500 gallons 15% 1/2 bbl per min, 350 # max pressure, load 29 bbls., swab down 22 bbls.
1 hr. test 7.54 bbls. 12% O
2 hr. test 4.06 bbls. 12% O
1/2 hr. test 2.03 bbls. 14% O
- 7-28-88 1855' Fill up, 85' O, 1,770' W, pulled tubing and packer perf. from 4272-4275 with four holes per ft. - ran tubing and packer
- 7-29-88 Temporarily shut down
- 8-01-88 1160' fill up, 1010' O, 150' W, acidized w/300 gall INS @ 1 1/2 BPM, 150# max press, load 23.5 barrels - swab down 24.16 barrels,
1/2 hr. 6.09 bbls. 15% O
1/2 hr. 7.83 bbls. 5% O
1/2 hr. 5.85 bbls. trace O
- 11-01-88 Preparing to plug
Plugged by Rockhold Engineering; dumped sand to 4220' & 4 sxs cem, shot csg at 300', 2500', & 1350', Allied squeezed well w/5 sxs gel, 50 sxs 60/40 pozmix, 6% gel, displaced to 1300', shot csg @ 600', spotted 50 sxs cem, pulled csg to 275', spotted 40 sxs cem, pulled csg to 40', pumped 10 sxs cem, Steve Durrant Dist #1 State Plugger
Final Report

NOV 10 1988

CHIEF DRILLING CO., INC.