

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
City/State/Zip Wichita, Ks. 67202

Purchaser Koch Oil Co.

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

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

Wellsite Geologist Ron Dulos
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
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

7-09-85 7-22-85 8-12-85
Spud Date Date Reached TD Completion Date

.RTD. 467.0' .4515.00...
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 263 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 2310 feet
If alternate 2 completion, cement circulated from 2242 feet depth to surface 450 SX cmt SX.

API NO. 15-171-20,299-00-00

County Scott

NE SE NW Sec 23 Twp 17S Rge 31 East West

3630 Ft North from Southeast Corner of Section
2970 Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

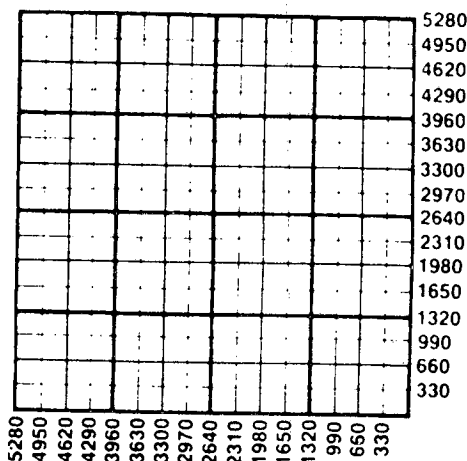
Lease Name SHARP Well # 1

Field Name Manning Twist

Producing Formation Cherokee

Elevation: Ground 2912 KB 2919

Section Plat



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 NW/4 Sec 23 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

RECEIVED STATE CORPORATION COMMISSION AUG 19 1985 (purchased from city, R.W.D. #)

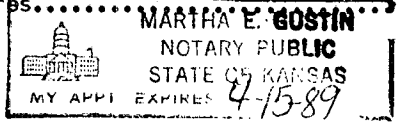
INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, with the 90 days after completion or recompleting of any well. Rule 82-3-130 and 82-3-107 apply. Information on side two of this form will be held 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.
Title Vice President Date 8-16-85

Subscribed and sworn to before me this 16th day of Aug. 1985
Notary Public Martha E. Gustin Notary Public

Date Commission Expires



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 23 Twp 17S Rge 31E

Operator Name Chief Drilling Co., Inc. Lease Name SHARP Well # 1

Sec. 23 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 [] Sample

7-14-85 DST #1 3697-3930 (Top Toronto z) 30-30-30 st. blow off bott bucket in 1 min. Rec. 300' WCM, 200' NSH. IDHP: 1144#, FDHP: 1144#, IFF: 358-863 FFP: 930-1065
7-15-85 DST #2 3962-3996 (Lans. 35' z) misrun 5' IDHP: 9397, FDHP: 8947, IFF: 89-89 FFP: 89-89 DST #4 4024-4045 (Lans. 70' z) 30-30-30 wk. blow died in 10 min., rec. 5' M. w/rk. of O on top. IDHP: 897#, FDHP: 897#, IFF: 44-44 FFP: 44-44
7-16-85 DST #5 4120-4182 (140-160 z) 30-30-30-30 wk. blow died in 19" Rec. 110' M w/oil spots. IDHP: 1028#, FDHP: 1028# IFF: 62-62 FFP: 62-62 DST #6 4186-4262 (180 220 z) 30-30-30-30 st. blow in 10" 600' TF, 110' WCM (50%N, 9%N, 2230 1926) 110' WCM (50%N, 14%N, 2480, 1250), 110' WCM (60%N, 8%N, 1250, 2050) 270' W, chlorides 64,000, IDHP: 9397, FDHP: 912# IFF: 89-178 FFP: 211-312
7-17-85 DST #7 4257-4328 (Lans. 220 & Pleasanton) 30-30-30 v st blow off bott bucket in 1' Rec. 110' OCH, (63%N, 7%N, 1920, 156) 550' W, chlorides 64,000 IDHP: 1164#, FDHP: 1164#, IFF: 116-178 FFP: 258-312
7-18-85 DST #8 4339-4394 (Marm. A-B z) 30-30-30 very st. blow off bott of bucket 866' Rec. 1980' TF, 400' WCM, 1880' 370' OCH (72%N, 42%N, 3550, 1880) chlorides 45,000 IDHP: 1028#, FDHP 151-401 FFP: 491-625
7-19-85 DST #9 4378-4394 (Marm B) 30-30-30-30 wk. blow died in 15 min., Rec. 18' M w/show of O on top, IDHP: 896#, FDHP: 806#, IFF: 10-20 FFP: 20-20 DST #10 4403-4445 (Marm. Up Pawnee) 30-30-30-30 wk. blow, rec. 5' O, 35' OSM, IDHP: 1138# FDHP: 987#, IFF: 119-129 FFP: 129-129
7-20-85 DST #11 4449-4514 (L. Pawn, Ft. Scott, U Cher) 30-35-90-60 wk. blow, Rec. 220' GIP, 230' GCMO, (180' 10%N, 25%O, 65%G) (50' 25%N, 10%O, 65%G) IDHP: 977#, FDHP: 401#, IFF: 109-119 FFP: 160-170
7-21-85 DST #12 4520-4560 (L. Cher. & Morr SH) 30-35-75-60 good blow off bottm. in 1 min. GTS in 2 hr. Rec. 1660' TF 1400' CGO, 260' VSMCO, 105M, IDHP: 1138#, FDHP: 1108# IFF: 134-160 FFP: 361-624 DST #13 4544 - 4500 (Morrow SH) 30-30-30-30 wk. blow died in 25" Rec. 20' M, IDHP: 107, FDHP: 107 IFF: 10-10 FFP: 10-10
7-22-85 Drilling @ 4583' RTD 4670 ran 126 jts. used 4 1/2" 10.5# casing 4635', set @ 4641', cem. w/200 ex. common, 2% gel, 3% gill. plug down @ 11:00 am centralizers @ 4621-4573-4508-4472 -4408-4341-4173-2284 ran 19' shoe jt. float @ 4625' port collar @ 2242'

Table with columns: Name, Top, Bottom. Lists formations like Anhydrite, Blue Anhydr., Recbner, Lansing, Muncie Creek, Stark, Hush Puckney, etc.

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Well log

Summary table for well log showing Sand/Clay, Clay/Shale, Shale, Anhydrite, Shale, Lime/Shale with their respective top and bottom depths.

CASING RECORD [X] New [] Used

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

Table with columns: Purpose of String, Size Hole, Size Casing, Weight, Setting, Type of, #Sacks, Type and Percent. Rows for Surface and production.

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

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

TUBING RECORD table with columns: Size, Set At, Packer at, Liner Run.

Date of First Production and Producing Method table.

Estimated Production table with columns: Oil, Gas, Water, Gravity, Bbls, MCF, CFPB.

METHOD OF COMPLETION

Production Interval

Disposition of gas: [] Vented [] Sold [] Used on Lease [] Open Hole [X] Perforation [] Other (Specify) 4538-4544
[X] Dually Completed [] Commingled [X] Single

RELEASED

DEC 12 1986

FROM CONFIDENTIAL