

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 Suite #700
Wichita, Kansas 67202
City/State/Zip

Purchaser: Kach. Oil

Operator Contact Person: F.W. Shelton, Jr.
Phone: Vice President 262-3791

Contractor: License # 5883
Name: Warrior Drilling Co.

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: NA
Well Name: NA
Comp. Date: NA Old Total Depth: NA

WELL HISTORY

Drilling Method:

- Mud Rotary Air Rotary Cable

6-12-87 6-23-87 7-17-87
Spud Date Date Reached TD Completion Date
LTD 4378
RTD 4380' 4010'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 2981 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set feet
If alternate 2 completion, cement circulated from 1933 feet depth to Surf. w/ 200SX cmt

API No. 15-063-21-119-00-00

County: Gove

C SE NW Sec 18 Twp 15S Rge 28 East West

3300 Ft North from Southeast Corner of Section
3300 Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

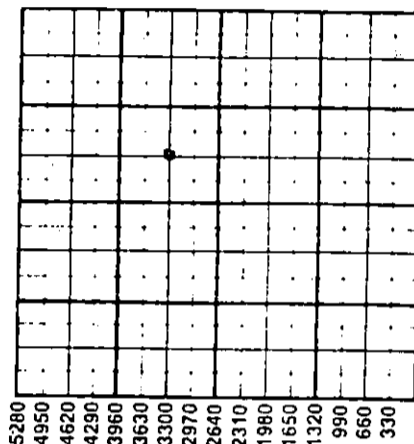
Lease Name: Coberly "E" Well # 1

Field Name: Ziegenbalg, North

Producing Formation: Lansing

Elevation: Ground 2497 KB 2502

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 NE SE Sec 17 Twp 15 Rge 28 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. #)

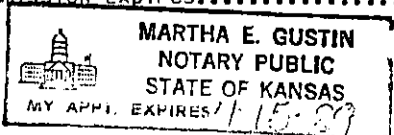
INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 apply. Information on side two of this form will be held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

Subscribed and sworn to before me this 27th day of July, 1987.
Notary Public: Martha E. Gustin

Date Commission Expires: 10-2-1987



K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
Form ACO-1 (7-84)

Sec 18, Twp 15S, Rge 28

7-22-87

Operator Name Chief Drilling Co., Inc. Lease Name COBERLY "E" Well # 1

Sec. 18 Twp. 15S. Rge. 2&W. East West County GOVE

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.

Table with columns for Drill Stem Tests Taken, Formation Description, and Well Log. Includes data for DST #1 through DST #8 with various test parameters and formation names like Anhydrite, Heebner, and Muncie Cr.

CASING RECORD table with columns: Purpose of String, Size Hole, Size Casing, Weight, Setting, Type of Cement, #Sacks Used, Type and Percent Additives. Includes data for Surface and Production strings.

PERFORATION RECORD table with columns: Shots Per Foot, Specify Footage of Each Interval Perforated, Acid, Fracture, Shot, Cement Squeeze Record, Depth. Includes data for 2 shots per foot at 3891-3897.

TUBING RECORD table with columns: Size, Set At, Packer at, Liner Run. Includes data for 2 3/8" size tubing set at 4,007.95'.

Table with columns: Date of First Production, Producing Method. Includes data for 7-17-87 and Pumping method.

Table with columns: Estimated Production Per 24 Hours, Oil, Gas, Water, Gas-Oil Ratio, Gravity. Includes data for 100 bbls oil and 37 gravity.

METHOD OF COMPLETION table with columns: Disposition of gas, Open Hole, Perforation, Dually Completed, Commingled, single. Includes data for Perforation and single completion.

RELEASED AUG 16 1988

FROM CONFIDENTIAL

State

CHIEF DRILLING CO., Inc.

Drilling Contractors - Oil Producers

151 N. MAIN
SUITE 700

WICHITA, KANSAS 67202

DAILY DRILLING REPORT
API: 15-063-21,119
RIG #1

V. RICHARD HOOVER
PRESIDENT

(316) 262-3791

COBERLY "E" #1 (#2345)
C SE NW SEC. 18-15S-28W
GOVE COUNTY, KANSAS

ELEVATION: 2497 GR
2499 DF
2502 KB

6-12-87 Moved in Rigged up, spudded in @ 4:00 pm, ran 7 jts. 291' of new 20# 8 5/8" csg. set @ 298', cem. w/180 sks 60-40 posmix 2% gel, 3% cc. Plug down @ 9:30 pm,

6-13-87 Drilling @ 500'

6-14-87 Drilling @ 2150'

6-15-87 Drilling @ 2710'

6-16-87 Drilling @ 3190'

6-17-87 DST #1 3675-3704 (Lans. 35 zone) 30-30-45-45 strong bl off bottom in 15", Rec. 125' GIP, 10' HOCM, 70' C1 GO, 310' W, IBHP: 939# FBHP: 921# IFP: 71-98 FFP: 133-187

6-18-87 DST #2 3705-3772 (Lans. 50 & 70 zone) 30-30-30-30 Very st bl throughout, Rec. 1200' W, chl. 60,000 ppm, IBHP: 1110# FBHP: 1092#, IFP: 125-303 FFP: 375-500. DST #3 3850-3920 - Missrun, hit a bridge on the way in with tool @ 1400'

6-19-87 DST #4 3850-3920 (Lans. 160 & 180 zones) 30-30-30-30 very st bl throughout, Rec. 630' HOCM, 83% O, 17% M, tr W, 510' HO&GCM, 85% O, 9% G, 6% M, tr W, 560' CGO, 36 gr. @ 60 deg. 180' W, 61,000 cc IBHP: 1038# FBHP: 1038#, IFP: 241-571 FFP: 631-768, 1880' Total fluid

6-20-87 DST #5 3908-3940 (Lans. 200 zone) 30-30-30-30, Rec. 95' CGO, 800' W, 62,000 cc IBHP: 939# FBHP: 939# IFP: 151-250 FFP: 375-491 DST #6 3943-3990 (Lans. 220zone) 30-30-30-30 Very st bl throughout, Rec. 1890' W, 62,000 cc, IBHP: 1056# FBHP: 1056#, IFP: 312-849 FFP: 894-1019

6-21-87 DST #7 3997-4150 (Marmaton & Pawnee) 30-30-30-30, no blow, Rec. 20' M, IBHP: 419# FBHP: 303# IFP: 107-107 FFP: 107-107

6-22-87 DST #8 4182-4270 (Cherokee) 30-30-30-30 wk blow throughout, Rec. 20' OCM, IBHP: 98# FBHP: 142# IFP: 71-71 FFP: 71-71

6-23-87 Logging @ 4380' Ran 101 jts. 4022' used 10.5#, 4 1/2" csg. set @ 4027', Cem w/200 sks ASC, 20 bbls. mud flush ahead of cement. Centralizers @ 4016', 3940', 3857', 3722', combination centralizer basket @ 1933', Float @ 4016' Plug down @ 6:05 p.m.

FORMATION TOPS:

Anhydrite	1931 +	571
Base Anhydr.	1969 +	533
Heebner	3620 -	1118
Toronto	3639 -	1137
Lansing	3656 -	1154
Muncie Cr.	3822 -	1320
Stark	3911 -	1409
Hush Puckney	3946 -	1444
BKC	3984 -	1482
Marmaton	3997 -	1495
Pawnee	4087 -	1585
Ft. Scott	4169 -	1667
Cherokee	4191 -	1689
Mississippi	4267 -	1765
RTD	4380 -	1878

E-LOG TOPS:

Anhydrite	1932 +	570
Base Anhydr	1964 +	538
Heebner	3618 -	1116
Lansing	3655 -	1153
Muncie Cr.	3820 -	1318
Stark	3909 -	1407
Hush Puckney	3944 -	1442
BKC	3989 -	1487
Marmaton	4008 -	1506
Pawnee	4092 -	1590
Ft. Scott	4162 -	1660
Cherokee	4188 -	1686
Mississippi	4260 -	1758
LTD	4378 -	1876

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PRESIDENT

DAILY COMPLETION REPORT

(316) 262-3791

COBERLY "E" #1
C SE NW SEC. 18-15S-28W
GOVE COUNTY, KANSAS

7-01-87 Moved in Pulling Unit, Rigged Up, Ran Gamma Ray Correlation log, Perforated 3891-3897 w/2 holes per ft., expendable gun, swabbed hole down, 1/2 hr test 5.22 bbls. O, trace W
1/2 hr test 6.22 bbls. O, trace W

7-02-87 Fill up, 2880' O, no W, shut down because of weather

7-03-87 Shut down because of weather

7-04-87 Shut down

7-05-87 Shut down

7-06-87 Shut down

7-07-87 3000' fill up, set bridge plug @ 3450', cemented back side of casing w/200 sks, lite cem., pressure csg. to 500#

7-08-87 Shut down because of weather

7-09-87 Shut down because of weather

7-10-87 Ran Mud anchor 29.08', 128 jts 2 3/8' tbg, 3978.87' set @ 4,007.95', 2 x 1 1/2 x 12 insert pump, 158 3/4" sucker rods 2-6' pony rods, 1 - 16' polish rod

7-17-87 P.O. P.

7-21-87 Bbl Test 100 bbls. Oil, no water

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STATE CORPORATION COMMISSION

AUG 16 1988

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