

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

5

API NO. 15-009-24,304-0000
County Barton
SW SW SW 7 20S 11 East
Sec Twp Rge X West

Operator: License # L. D. Drilling, Inc. #6039
Name
Address R.R. 1 Box 183 B
Great Bend, Kansas 67530
City/State/Zip

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

Purchaser

Lease Name Koch Well # 1
Field Name Chase-Silica

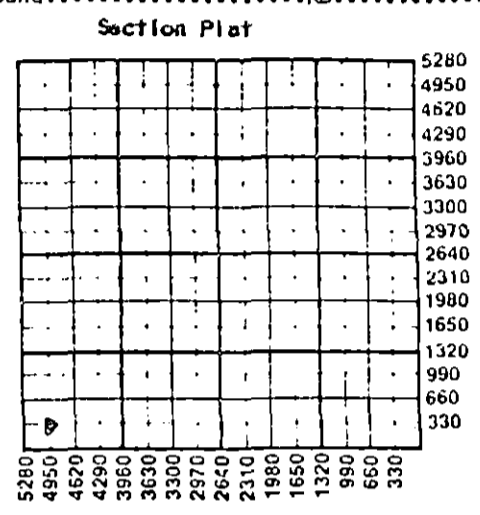
Operator Contact Person L. D. Davis
Phone (316) 793-3051

Producing Formation
Elevation: Ground 1788 GR 1793' KB

Contractor: License # 6039
Name L. D. Drilling, Inc.

Wellsite Geologist Kim Shoemaker
Phone (316) 682-1537

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



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

WATER SUPPLY INFORMATION
Disposition of Produced Water: Disposal
Docket # Repressuring

WELL HISTORY

Drilling Method: X Mud Rotary Air Rotary Cable
2-29-88 3-6-88 3-6-88
Spud Date Date Reached TD Completion Date
3355
Total Depth PBTD
Amount of Surface Pipe Set and Cemented at 267' feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set feet
If alternate 2 completion, cement circulated from feet depth to w/ SX cmt
Cement Company Name
Invoice #

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717
Source of Water:
Division of Water Resources Permit # T88-109
Groundwater Ft North from Southeast Corner (Well) Ft West from Southeast Corner of Sec Twp Rge 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 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 L. D. Davis
Title President Date 3-9-88

Subscribed and sworn to before me this 9th day of March 1988
Notary Public Bessie M. DeWerff
Date Commission Expires 5-20-89

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
SWD/Rep NGPA
Plug Other (Specify)
RECEIVED KCC STATE CORPORATION COMMISSION
MAR 10 1988

NOTARY PUBLIC - State of Ks
BESSIE M. DeWerff
My Appt. Exp. 5-20-89

CONSERVATION DIVISION
Wichita, Kansas

Sec. 7, Twp. 20, Rge. 11W

SIDE TWO

Operator Name L. D. Drilling, Inc. Lease Name Koch Well # 1

Sec. 7 Twp. 20S Rge. 11 East West County Barton

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 Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

DST #1 3310-3328 Arbuckle Times: 20-20
 Blow: 1st open weak blow died 10 Min
 2nd open no blow
 Recovery: 3' mud free oil in tool
 IFP: 39-39 FFP: ISP: 87

DST # 2 3308-3333 Times: 30-30
 Blow: 1st open: weak blow died 25 min.
 2nd open: no blow
 Recovery: 20' oil specked mud
 IFP: 58-62 FFP: ISIP: 1085 FSIP

DST #3 3314-3336 Times: 30-30-30-30
 Blow: 1st open: 1 1/2" blow
 2ns open: surface blow
 Recovery: 10' socm 60' Mud
 IFP: 48-42 FFP: 46-49 ISIP: 1085 FSIP: 1069

| Name | Top | Bottom |
|------------|------|---------|
| Anhy | 555 | 563 |
| Heebner | 2952 | (-1159) |
| Toronto | 2968 | (-1175) |
| Douglas | 2983 | (-1190) |
| Brown Lime | 3076 | (-1283) |
| Lans. K/C | 3094 | (-1301) |
| Arbuckle | 3325 | (-1532) |
| R.T.D. | 3355 | (-1562) |

| CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used | | | | | | | |
|---|---|---------------------------|----------------|--|----------------|-------------|----------------------------|
| Report all strings set-conductor, surface, intermediate, production, etc. | | | | | | | |
| 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 |
| Surface | 12 1/4" | 8 5/8" | | 267' | 50/50 Pozmix | 155 | 2% Gel, 3% CC |
| PERFORATION RECORD | | | | Acid, Fracture, Shot, Cement Squeeze Record | | | |
| Shots Per Foot | Specify Footage of Each Interval Perforated | | | (Amount and Kind of Material Used) | | Depth | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| TUBING RECORD | | | | Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No | | | |
| Date of First Production | Producing Method | | | | | | |
| | <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain)..... | | | | | | |
| Estimated Production Per 24 Hours | Oil | Gas | Water | Gas-Oil Ratio | Gravity | | |
| | Bbls | MCF | Bbls | CFPB | | | |

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Solid Other (Specify)
 Used on Lease Dually Completed
 Corningled

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Operator Name L. D. Drilling, Inc. Lease Name Koch Well # 1

Sec. 7 Twp. 20S Rge. 11 East West County Barton

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Drill Stem Tests Taken Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

Name Top Bottom

DST # 4 3306-3342 Times: 30-30-30-30
 Blow: 1st Open: 1" Blow
 2nd open: 1/4" blow
 Recovery: 80' Oil specked mud
 IFP: 40-48 FFP: 58-63 ISIP: 1075 FSIP: 1068

DST #5 3304-3355 Times: 30-30-30-30
 Blow: 1st open: off bb in 12 min.
 2nd open: 5" blow
 Recovery: 150' oil specked mud 240' Muddy water
 IFP: 80-165 FFP: 185-253
 ISIP: 1128 FSIP: 1121