

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

S

API NO. 15-009-24,350-0000
County Barton
100' South
SW NW NW Sec. 10 Twp. 20 Rge. 11 East
XX West

Operator: License # 5702-8914
Name Pendleton Land & Exploration /
Address H & C Oil Operations
401 N. Broadway
City/State/Zip Plainville, KS. 67663

4190 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 Lander Well # 1
Field Name Chase-Silica

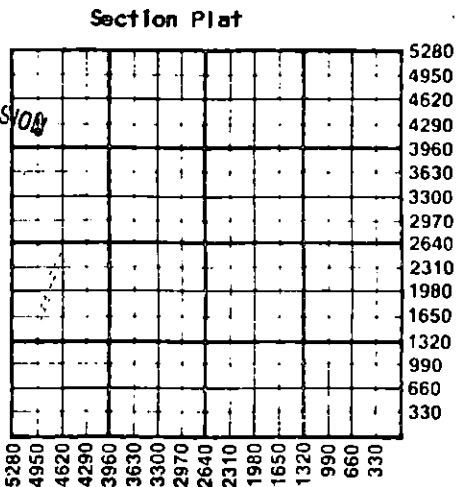
Operator Contact Person Charles Ramsey
Phone (913) 434-7434

Producing Formation.....
Elevation: Ground 1762 KB 1767

Contractor: License # 5418
Name Allen Drilling Company

Wellsite Geologist Robert Smith
Phone 316-564-3362

RECEIVED
STATE CORPORATION COMMISSION
1-17-89
JAN 17 1989
CONSERVATION DIVISION
Wichita, Kansas



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

If ONWO: 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:
 Mud Rotary Air Rotary Cable

12/30/88 1/5/89 1-6-89
Spud Date Date Reached TD Completion Date

3500'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 260 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 #
A/I O+O

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
Sec Twp Rge East West
100' North of Location
 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.

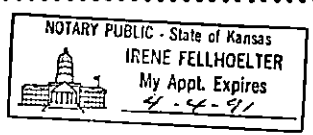
Signature Charles R. Ramsay

Title Vice-President H&C Oil Date 1-11-89

Subscribed and sworn to before me this 12th day of Jan 1989

Notary Public Irene Fellhoelter

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)
1-17-89 4
Form ACO-1 (5-86)

Sec. 10 Twp. 20 Rge. 11 East

Pendleton Land & Exploration / Operator Name H. & C. Oil Operations Lease Name Lander Well # 1

Sec. 10 Twp. 20 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 [X] Yes [] No
Samples Sent to Geological Survey [X] Yes [] No
Cores Taken [] Yes [X] No

Formation Description [X] Log [] Sample

DST #1 3018-3150 LKC 30-60-30-60 HP-1495-1485
IFP-218-312 FFP-281-395 ISIP-1080
FSIP-1070 BHT-99
Recovered-300' SOCGM, 240' HO&GCM
120' HO&GCM, 120' HO&GCMW
180' HO&GCMW
DST #2 3275-3312 ARB 30-60-30-60 HP-1672-1661
IFP-93-270 FFP-322-416 ISIP-852
FSIP-873 BHT-107
Recovered-150' HO&GCWM, 180' HO&GCMW
180' OCMW, 360' Water
540' GIP, 90' CO

Table with 3 columns: Name, Top, Bottom. Rows include Anhydrite, Howard, Topeka, Heebner, Brown Lime, Lansing KC, and Arbuckle with their respective top and bottom elevations.

CASING RECORD [] New [] 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. Row 1: Surface, 12-1/4", 8-5/8", 24#, 260', 60/40 Poz, 1.75, 2% gel, 3% cc.

PERFORATION RECORD and Acid, Fracture, Shot, Cement Squeeze Record. Columns: Shots Per Foot, Specify Footage of Each Interval Perforated, (Amount and Kind of Material Used), Depth.

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

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

Table with 6 columns: Oil, Gas, Water, Gas-Oil Ratio, Gravity. Row 1: Estimated Production Per 24 Hours, Bbls, MCF, Bbls, CFPB.

METHOD OF COMPLETION Production Interval

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