

2-27-16 E
19359-0001
KSP

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 # 4172
Name Union Gas System
Address Box 347
Independence, KS 67301
City/State/Zip Independence, KS 67301

Purchaser N/A

Operator Contact Person Larry Tarrant
Phone (316) 331-4500

Contractor: License # 5376
Name Palmer Drilling

Wellsite Geologist Stanley C. Grant
Phone (316) 331-2461

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

If OWWO: old well into as follows:
Operator UNKNOWN
Well Name UNKNOWN
Comp. Date UNKNOWN Old Total Depth UNK
Old depth probably 465 feet.

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary X Cable
Workover 09/29/86 10/05/86... 11/14/86...
Spud Date Date Reached TD Completion Date
...394... ..389.....
Total Depth PBD
Recompleted for gas storage monitor.
Amount of Surface Pipe Set and Cemented at 24 feet
Multiple Stage Cementing Collar Used? Yes X No
If yes, show depth set.....feet
If alternate 2 completion, cement circulated
from 392.....feet depth to surf. w/ 214 SX cmt
Cement Company Name Consolidated
Invoice # 69221

API NO. 15-205-017003
County WILSON
..NE ..SE ..SE Sec. 7.. Twp 27.. Rge 16.. X East
West

116.7... Ft North from Southeast Corner of Section
182... Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

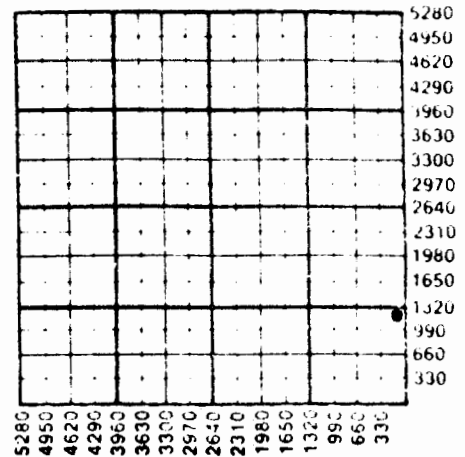
Lease Name Haley Well # OWWO#1

Field Name Buffalo Gas Storage

Producing Formation N/A

Elevation: Ground 967 KB

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: N/A Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water: N/A
Division of Water Resources Permit #

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. NOTE: Well has been...

3-95-18-5

SIDE TWO

Operator Name Union Gas System Lease Name Haley Well #1. OWWO

Sec. 7 Twp. 27 Rge. 16 East West County Wilson

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 [XX] No
Samples Sent to Geological Survey [] Yes [XX] No
Cores Taken [] Yes [XX] No

Formation Description [XX] Log [] Sample

Gas storage zone, Buffalo Storage Field (Gas appears to have been leaking from the storage reservoir and has been shut off by new casing and heavy cement.

Table with 3 columns: Name, Top, Bottom. Row: Limestone, 181, 240

Well will be continually checked for possible leaks and will eventually be perforated as a storage reservoir monitoring well.

Well is not presently perforated.

CASING RECORD, PERFORATION RECORD, TUBING RECORD, Date of First Production, Producing Method. Includes fields for Purpose of String, Size Hole, Size Casing, Weight, Setting Depth, Type of Cement, #Sacks Used, Type and Percent Additives, Shots Per Foot, Acid, Fracture, Shot, Cement Squeeze Record, Liner Run, and Producing Method.