

Sub

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 # 5447  
Name Cities Service Oil & Gas Corp.  
Address 3545 N.W. 58th Street  
City/State/Zip Okla. City, Okla. 73112

Purchaser none

Operator Contact Person Raymond Hui  
Phone (405) 949-4400

Contractor: License #  
Name Exeter Drilling Company

Wellsite Geologist  
Phone

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

8/10/86 8/20/86 8/20/86  
Spud Date Date Reached TD Completion Date

5150  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 1606 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

API NO. 15-055-20669  
County Finney  
NW NW Sec. 32 Twp. 25S Rge. 33  East  West

4620 Ft North from Southeast Corner of Section  
4620 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

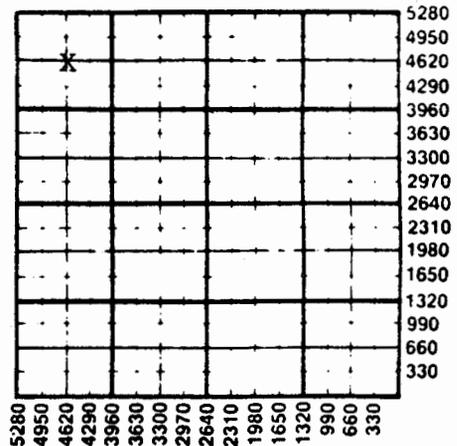
Lease Name Engler D Well # 1

Field Name Unnamed

Producing Formation none - dry hole

Elevation: Ground 2932' KB 2943'

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 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 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.

Cities Service Oil & Gas Corporation

Operator Name ..... Lease Name ..... Engler, D. .... Well # ..... 1

NW/4 NW/4

Sec. 32 Twp. 25S Rge. 33  East  West County ..... Finney

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

Ran BHC Sonic w/GR & Caliper from Loggers TD 1603' to surface.

Ran DIL-SFL w/SP & GR, LSS w/GR, CNL-FDC w/SPECTRAL GR and Caliper, Microlog w/GR & Caliper.

Name	Top	Bottom
Shale	0	1607
Red Bed	1607	2300
Lime & Shale	2300	5150
TD		5150

CASING RECORD  New  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
Conductor pipe	32"	20"		97'	Redi-mix	9.5 yds.	
Surface	12-1/4"	8-5/8"	24#	1606	Cl. C. 35/350	500	6% gel; 2% CaCl
					Class C.	125. sx	2% CaCl

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
none	Dry Hole	none	

TUBING RECORD Size Set At Packer at Liner Run  Yes  No

Date of First Production Producing Method  
 Dry Hole  Flowing  Pumping  Gas Lift  Other (explain).....