

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 # 5987
Name Service Drilling Company
Address 1800 7th National Bank Building
City/State/Zip Tulsa, Oklahoma 74119

Purchaser N/A

Operator Contact Person Mike Barnhart
Phone 918-582-9141

Contractor: License # 5302
Name Red Tiger Drilling Company

Wellsite Geologist N/A
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 Walker Engineering
Well Name Gates No. 1
Comp. Date 1/17/87 Old Total Depth 5,805

WELL HISTORY

Drilling Method:

Mud Rotary Air Rotary Cable

Spud Date 4/5/87 Date Reached TD 4-27-87
Total Depth 5,345' PBTB 5278'

Amount of Surface Pipe Set and Cemented at 507 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. 15-033-20,703-A

County Comanche
120' E of
C. NW/4 NW/4 Sec. 19 Twp. 32S Rge. 18W East West

4620 Ft North from Southeast Corner of Section
4500 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

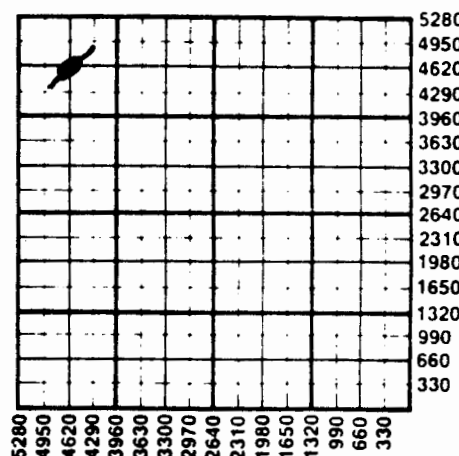
Lease Name Gates Well # 1

Field Name

Producing Formation NONE

Elevation: Ground 2063 KB 2068

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 # T 86-432

Groundwater 4620 Ft North from Southeast Corner
4500 Ft West from Southeast Corner of
Sec 19 Twp 23S Rge 18 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.

SIDE TWO

Operator Name Service Drilling Company Lease Name Gates Well # 1

Sec. 19 Twp. 32S Rge. 18W East West County Comanche

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

Name	Top	Bottom
Anhyrite	1010	
Hebner	4355	
Kansas City	4530	
Mississippi	5205	

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
Production	7 7/8"	4 1/2"	10#	5,280'	60/40 Poz	265	10% Salt, 6# Gelsinite & 2% Halad
Surface	12 1/4"	8 5/8"	23#	507	common	280	3% CC 2% GEL

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2 SPF	Mississippi 5245-5258	1500 gal 15% HCL	
2 SPF	Toronto 4303-4307	500 gal 15% HCL	
	CIBP @ 4910'		

TUBING RECORD Size 2 3/8 Set At 4300' Packer at _____ Liner Run Yes No

Date of First Production _____ Producing Method _____