

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 # 6528
Name R. J. Patrick Operating Co.
Address P.O. Box 1314
City/State/Zip Liberal, Kansas 67901

Purchaser UPG, Inc.
NNG

Operator Contact Person R. J. Patrick
Phone 316-624-8483

Contractor: License # 6666
Name NRG Drilling, Inc.

Wellsite Geologist Bob Posey
Phone 316-624-5919

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
2-18-85 2-28-85 3-13-85
Spud Date Date Reached TD Completion Date
4850'
Total Depth PBD
16 jnts of 8 5/8"
Amount of Surface Pipe Set and Cemented at 678 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. 15-033-20,671 0000
County Comanche
SW SW Sec. 36 Twp. 33 Rge. 20 East West

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

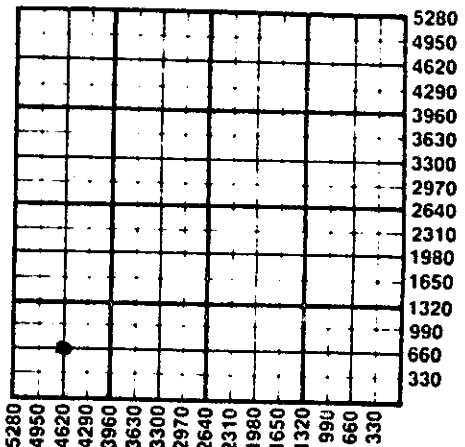
Lease Name Ralph Baker Well # 5

Field Name Collier Flats

Producing Formation Swope

Elevation: Ground 1811 KB 1822
Section Plat KC-KC

RECORDED
STATE CORPORATION COMMISSION
JUN 03 1985
CONSTRUCTION DIVISION
Wichita, Kansas



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket #

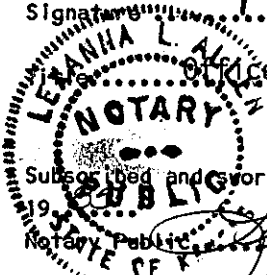
Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

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.

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 Mary Morgan
Office Manager Date 5-31-85



Subscribed and sworn to before me this 31 day of May
Notary Public Leanna L. Allen
Date Commission Expires April 6, 1988

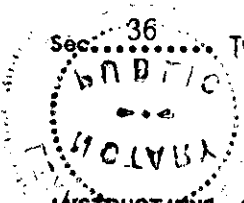
K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

Sec. 30 Twp. 33 Rge. 20

SIDE TWO

Operator Name R. J. Patrick Operating Co. Lease Name Ralph Baker Well # 5

Sec. 36 Twp. 33 Rge. 20 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

Tested 4176' to 4265'-Initial Hydrostatic 2136'. IF - 30 min. - IFP - 97# to 162# ISI - 60 min. - ISIP - 863#. Final Flow 60 min. - 195# to 260#. Final shut in - 90 min. - 846#. Final Hydrostatic - 2120#. Recovered 120# of drilling mud, 340' of muddy salt water. No show of gas or oil.

Name	Top	Bottom
Sand & Clay	0'	560'
Red Bed	560'	688'
Red Bed, Clay & Lime	688'	1330'
Lime & Shale	1330'	2155'
Lime, Shale & Chalk	2155'	3375'
Lime & Shale	3375'	3582'
Lime	3582'	3735'
Lime & Shale	3735'	4726'
Lime	4726'	4850'

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
Surface Production	12 1/4"	8 5/8"	24#	688'	Hall lgt	350	3% CC+2%CC
		4 1/2"	16.60#	4,835'	50-50	125	18% salt, 3/4 or 1% CFR #2 + seal

PERFORATION RECORD

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	4759' - 4,813'	3,000 gal of 15% NE Acid w/ 7,000 SCF Nitrogen. 2nd attempt	
		3,000 gal of 12% NE & 80,200 SCF Nitrogen.	

TUBING RECORD Size 2 1/16" Set At 4775' Packer at Liner Run Yes No

Date of First Production 3-17-85 Producing Method Flowing Pumping Gas Lift Other (explain).....

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity
	12	60,000			

METHOD OF COMPLETION Production Interval

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