

ORIGINAL

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

Operator: License # 31338

Name: Republic Natural Gas., Co.

Address 1801 Broadway, Suite 600

City/State/Zip Denver, CO 80202

Purchaser: N/A

Operator Contact Person: R.A. Ferris

Phone (303) 296-1908

Contractor: Name: Techline/Pratt Well Service

License: _____

Wellsite Geologist: None

Designate Type of Completion
 New Well Re-Entry Workover

Oil SVD STOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, USW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:
Gas Storage

Operator: GEAR PETROLEUM COMPANY

Well Name: BAILEY # A-1

Comp. Date 7-14-80 Old Total Depth 4650'

Deepening Re-perf. Conv. to WATER
 Plug Back PSTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SVD or Inj?) Docket No. _____

9-21-94 9-23-94

Date OF START Date Reached TD Completion Date OF
OF WORKOVER WORKOVER

API NO. 15- 151-20,787-00-03

County Pratt

C - SE - SE - NE Sec. 18 Twp. 28S Rge. 12 X W

2920 Feet from (S)N (circle one) Line of Section

330 Feet from (E)W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, (SE) NW or SW (circle one)

Lease Name Bailey Well # 2

Field Name Konold

STORAGE
Producing Formation Langdon (Gas Storage)

Elevation: Ground 1853' KB 1862'

Total Depth 3104' PSTD 3019'

Amount of Surface Pipe Set and Cemented at 1005 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cnt.

Drilling Fluid Management Plan REENTRY JK 1-9-97
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite:

GAS INJECTION/WITHDRAWAL

Operator Name _____

Lease Name _____ License No. _____

_____ Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 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 geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. 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 Richard A. Ferris

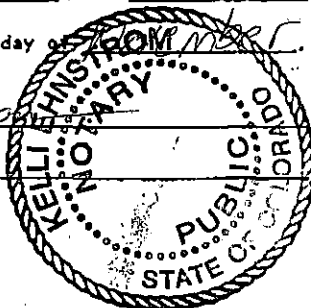
Title Chief Operations Engineer Date 11-29-94

Subscribed and sworn to before me this 29 day of November 19 94.

Notary Public Kelli Johnson

Date Commission Expires _____

My Commission Expires 7-18-98



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC NO/R
 KGS Plug Other
(Specify)
DEC 1 1994
KANSAS CORPORATION COMMISSION
WICHITA, KANSAS

Form ACO-1

Handwritten notes and stamps: H-10-21 DEC 1 1994

Operator Name Republic Natural Gas Lease Name Bailey Well # 2

Sec. 18 Twp. 28S Rgo. 12 East West
 County Pratt

ORIGINAL

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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	HERINGTON	1950	-88
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	TOWANDA	2066	-204
List All E.Logs Run:	<u>None</u>	WREFORD	2266	-404
		COUNCIL GROVE	2288	-426
		COTTONWOOD	2460	-598
		RED EAGLE	2586	-724
		WABAUNSEE	2768	-906
		STOTLER	2890	-1028
		TARKIO	2944	-1082
		HOWARD	3100	-1238

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		13 3/8"		209'		225	
Surface		8 5/8"		1005'	60/40 Poz	150	
Production		4 1/2"		3109'		150	

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	2882' to 2892'	None	

TUBING RECORD

Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2 7/8"	2859'	2857'		

Date of First, Resumed Production, SWD or Inj.	Producing Method	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Gas Storage
9/22/94		Other (Explain)

Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio
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Disposition of Gas: Vented Sold Used on Lease (if vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled

RECEIVED
 OIL & GAS
 STATE OF OKLAHOMA
 12-1-94

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ELEVATION: 1853' GR
1862' KB

209' - 13-3/8" cemented with 225 sacks

493' Top of 8-5/8" stub

TUBING DETAIL

KB			
92	Jts 2-7/8" 6.5# J-55	9.00'	
	EUE 8rd w/sp. clear. cplgs	2846.39'	9.00'
1	Seating Nipple w/reg. cplg on top	1.10'	2855.39'
1	"AD-1" Tension Packer w/sp. clear. cplg. on top & 2-3/8" mandrel	2.40'	2856.49'
			<hr/>
		Tubing landed at	2858.89'

806' Window

1005' - 8-5/8" cemented with 150 sacks

2680' - Top of Cement by CBL

2882' Langdon Sand Stone

2892' PBTB 3022' (logger TD)

3109' - 4-1/2" 10.5 # cemented with 150 sx

4650' TD

REPLICATED
 FROM ORIGINAL
 1971 JUN 13 P 1:10

WELL BORE SCHEMATIC

Republic Natural Gas Co.
 Well Bailey NO. 2
 Lease No. _____
 C/A No. _____
 Location SE SE NE, Sec 18, T28S, R12W
 County Pratt State Kansas
 bailwb2.dwg raf 9-30-94