

COPY ORIGINAL

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

API NO. 15- 051-24941 0000
County Ellis County, Kansas
220' N. N/2 N/2 . Sec. 27 Twp. 13S Rgp. 16 XX^E

Operator: License # 4767

440 Feet from S (circle one) Line of Section
2640 Feet from W (circle one) Line of Section

Name: Ritchie Exploration, Inc.

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

Address 125 North Market - Suite 1000

Lease Name Pratt Airbase Well # 4-A

City/State/Zip Wichita, Kansas 67202

Field Name Airbase

Purchaser: N/A

Producing Formation None

Operator Contact Person: Lisa Thimmesch

Elevation: Ground 1965' KB 1973'

Phone (316) 267-4375

Total Depth 3535' PBD 3500'

Contractor: Name: Duke Drilling Co., Inc.

Amount of Surface Pipe Set and Cemented at 224 Feet

License: 5929

Multiple Stage Cementing Collar Used? Yes No

Wellsite Geologist: Pete Fiorini

If yes, show depth set _____ Feet

Designate Type of Completion

New Well Re-Entry Workover
 Oil SWD SOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSV, Expl., Cathodic, etc)

If Alternate II completion, cement circulated from _____

feet depth to _____ v/ _____ sx cnt

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

Drilling Fluid Management Plan D&A JZ 3-19-97
(Data must be collected from the Reserve Pt)

Operator: _____

Chloride content 6200 pps Fluid volume 610 bbls

Well No: 20019

Dewatering method used evaporation

Comp. Date _____ Old Total Depth _____

Location of fluid disposal if hauled offsite: _____

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

Operator Name ALL

11-05-96 11-11-96 11-11-96

Lease Name DEC 3 License No. _____

Spud Date Date Reached TD Completion Date

Quart CONFIDENTIAL 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 Lisa Thimmesch
Title President Date 12/31/96

Subscribed and sworn to before me this 31st day of Dec 19 96

Notary Public Lisa Thimmesch

Date Commission Expires _____

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep KCPA
 KGS Plug Other (Specify) IS

LISA THIMMESCH
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 8-29-99

Operator Name Ritchie Exploration Inc. Lease Name Pratt Airbase Well # 4-A

Sec. 27 Twp. 13S Rge. 16
 East
 West

County Ellis County, Kansas

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			

List All E.Logs Run:

Radiation Guard Log

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> 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	12-1/4"	8-5/8"	20#	224'	60/40 Poz	135	3%gel 2%cc

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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj.	Producing Method	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
<u>D & A</u>		

Estimated Production Per 24 Hours	Oil <u>N/A</u> Bbls.	Gas <u>N/A</u> Mcf	Water <u>N/A</u> Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval: _____

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COPY

RECEIVED
JUN 29 1992

15-051-24941

PRATT AIR BASE

RITCHIE EXPLORATION, INC.

125 N. Market - Suite 1000
Wichita, Kansas 67202-1775
316-267-4375 FAX 316-267-3026

#4-A Pratt Air Base "P"
2640' FWL & 440' FNL
Section 27-13S-W16
Ellis County, Kansas
Staked Elevation: 1965' GL 1973' KB

ALL
DEC 5
CONFIDENTIAL

Log Tops

Anhydrite	1082'+(891)
B/Anhy	1117'+(856)
Topeka	2909'+(- 936)
Heebner	3164'+(-1191)
Toronto	3184'+(-1211)
Lansing	3210'+(-1237)
B/KC	3446'+(-1473)
Gorham Sd	3468'+(-1495)
Arbuckle	3516'+(-1543)
LTD	3535'+(-1562)