

SEP 09 1991
AUG 29

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

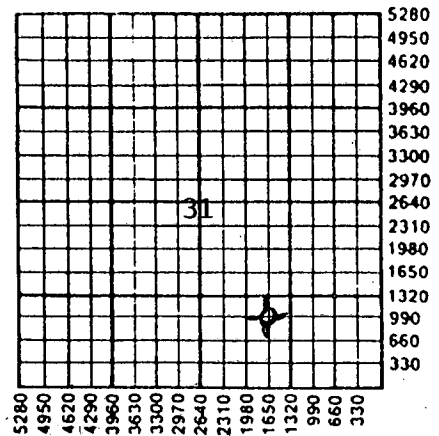
API NO. 15- 065-22,638 400-00
County Graham FROM CONFIDENTIAL

Operator: License # 4767
Name: Ritchie Exploration, Inc.
Address 125 N. Market, Suite 1000
Wichita, KS 67202
Purchaser: n/a
Operator Contact Person: Leah Kasten
Phone (316) 267-4375

NE SW SE Sec. 31 Twp. 10S Rge. 24 East West
990 Ft. North from Southeast Corner of Section
1650 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)
Lease Name Hobbs "P" Well # 2
Field Name Tidball
Producing Formation n/a
Elevation: Ground 2435' KB 2440'
Total Depth 4055' PBDT n/a

Contractor: Name: Murfin Drilling Co.
License: 30606
Wellsite Geologist: Kevin Kessler
Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp. Abd.
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)

PLEASE KEEP THIS
INFORMATION
CONFIDENTIAL



If OWO: old well info as follows:
Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____
Drilling Method:
 Mud Rotary Air Rotary Cable
7/02/91 7/08/91 7/08/91
Spud Date Date Reached TD Completion Date

Amount of Surface Pipe Set and Cemented at 251 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set n/a Feet
If Alternate II completion, cement circulated from 251'
feet depth to surface w/ 165 sx cmt.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 driller's time log shall be attached with this form. CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 with the Kansas Corporation Commission.

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: [Signature]
Title: President Date: 8/20/91
Subscribed and sworn to before me this 28th day of August, 1991

Notary Public: Linda K. Rice
Date Commission Expires: 07/91

RECEIVED
KANSAS CORPORATION COMMISSION

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

SIDE TWO

Operator Name Ritchie Exploration, Inc. Lease Name Hobbs "P" Well # 2
 Sec. 31 Twp. 10S Rge. 24W East County Graham
 West

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
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)

Formation Description
 Log Sample
 Name _____ Top _____ Bottom _____

(See attached page).

(See attached page).

**PLEASE KEEP THIS
 INFORMATION
 CONFIDENTIAL**

CASING RECORD <input type="checkbox"/> New <input checked="" 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"	28#	251'	60/40 poz	165	2%gel, 3%CC
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			Depth			(Amount and Kind of Material Used)
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
	Size	Set At	Packer At				
Date of First Production	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)						
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity		

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

METHOD OF COMPLETION

Open Hole Perforation Dually Completed Commingled
 Other (Specify) _____

Production Interval _____

ORIGINAL

15-065-22638-00-00

RITCHIE EXPLORATION, INC.

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

RELEASED

KCC

SEP 09 1992 AUG 29

FROM CONFIDENTIAL

#2 Hobbs "P"
NE SW SE
Section 31-10S-24W
Graham County, Kansas
API# 15-065-22,638
License #4767

ACO-1 form
Page 2

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DRILL STEM TESTS

ELECTRIC LOG TOPS

DST #1 from 3779' to 3805' (Top zone). Recovered 10' of mud, no show of oil.
IFP:8-16#/30"; ISIP:737#/30";
FFP:25-25#/30"; FSIP:703#/30".

DST #2 from 3804' to 3846' (35' & 50' zones). Recovered 340' of slightly gassy, muddy water.
IFP:57-124#/30"; ISIP:611#/45";
FFP:140-181#/30"; FSIP:611#/45".

Anhydrite	2068' (+ 372)
B/Anhydrite	2104' (+ 336)
Topeka	3530' (-1090)
Heebner	3746' (-1306)
Toronto	3767' (-1327)
Lansing	3783' (-1343)
B/KC	4032' (-1592)
LTD	4053' (-1613)

RECEIVED
KANSAS CORPORATION COMMISSION

SEP 18 1992

CONSERVATION DIVISION
WICHITA, KS