

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 # 4767
Name Ritchie Exploration, Inc.
Address 125 N. Market, Suite 1000
Wichita, KS 67202
City/State/Zip

Purchaser N/A

Operator Contact Person Lean Ann Kasten
Phone 316-267-4375

Contractor: License # 6033
Name Murfin Drilling Company

Wellsite Geologist Leah Ann Kasten
Phone 316-267-4375

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
12-17-86 12-22-86 12/23/86
Spud Date Date Reached TD Completion Date
3910' N/A
Total Depth PBTD 8-5/8" @ 249'
Amount of Surface Pipe Set and Cemented at...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
Cement Company Name
Invoice #

API NO. 15-065-22,346-00-00
County Graham
C. SW SE Sec. 18 Twp. 6S Rge. 22 East West

660 Ft North from Southeast Corner of Section
1980 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

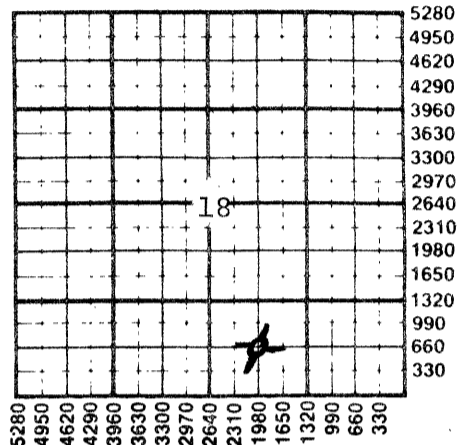
Lease Name Griffey-18D Well # 2

Field Name

Producing Formation N/A

Elevation: Ground 2386' KB 2391'

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # N/A Repressuring

Questions on this portion of the ACO-1 call:

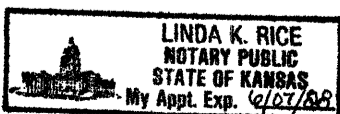
Water Resources Board (913) 296-3717
Source of Water: Hauled.
Division of Water Resources Permit #
 Groundwater...Ft North from Southeast Corner (Well) ...Ft West from Southeast Corner of Sec Twp Rge East West
 Surface Water...Ft North from Southeast Corner (Stream, pond etc)...Ft West from Southeast Corner Sec Twp Rge East West
 Other (explain) (purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in 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 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 [Signature]
Title President Date 1/16/87

Subscribed and sworn to before me this 16th day of January 1987.
Notary Public Linda K. Rice
Date Commission Expires 6/07/88



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

Rec'd 2-12-87

Sec. 1 Twp. 6 Rge. 22

SIDE TWO

Operator Name Ritchie Exploration, Inc. Lease Name Griffey-18D Well # 2

Sec. 18 Twp. 6S Rge. 22 East West County Graham

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

DST #1 from 3756' to 3792' (160'-180' zones). Recovered 15' of oil spotted mud with scum oil on top.
 IFP:10-10#/30"; ISIP:65#/30";
 FFP:20-20#/30"; FSIP:34#/30".

DST #2 from 3866' to 3910' (Conglomerate sand). Recovered 186' of muddy water and 1,626' of salt water.
 IFP:489-770#/15"; ISIP:1169#/30".
 No final flow periods.

DST #3 from 3580' to 3640' (Toronto & Top zone) with straddle packers. Recovered 243' of muddy water and 1200' of salt water, no show of oil.
 IFP:97-445#/30"; ISIP:1266#/30";
 FFP:500-629#/30"; FSIP:1266#/30".

Name	Top	Bottom
Anhydrite	2044' (+ 347)	
B/Anhydrite	2076' (+ 315)	
Topeka	3391' (-1000)	
Heebner	3586' (-1195)	
Toronto	3611' (-1220)	
Lansing	3628' (-1237)	
B/KC	3817' (-1426)	
Cgl. sand	3876' (-1485)	
LTD	3911' (-1520)	

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 1/2"	8-5/8"	24#	249	60-40 Poz	185	2% gel, 3% cc
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	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 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	Gas	Water	Gas-Oil Ratio	Gravity		
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

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