

ORIGINAL

SIDE ONE

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

Operator: License # 4748
Name: A & A Discovery, Inc.
Address P.O. Box 156
Hill City, KS 67642
Purchaser: Clear Creek, Inc.
Operator Contact Person: Darrel Anderson
Phone (913), 674-2768
Contractor: Name: Duke Drilling Co., Inc.
License: 5929

Wellsite Geologist: Scott Alberg, Pratt, KS

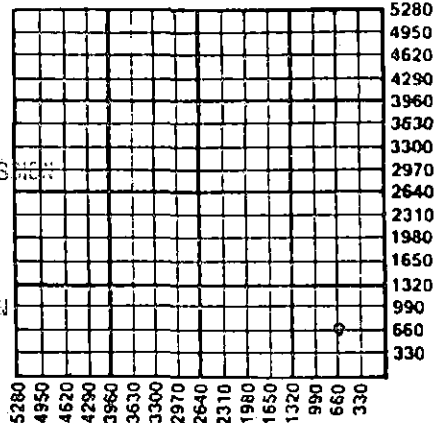
Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp. Abd.
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)

If OWMO: old well info as follows:
Operator: MarMac Petroleum

Well Name: Bryant 1-31
Comp. Date 5-5-87 Old Total Depth 4794

Drilling Method:
 Mud Rotary Air Rotary Cable
11-13-90 11-15-90 12-13-90
Spud Date Date Reached TD Completion Date

API NO. 15- 151-21,830-A
County Pratt
C SE SE Sec. 31 Twp. 27 Rge. 15 xx East West
660' Ft. North from Southeast Corner of Section
660' Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)
Lease Name Bryant Well # A-1
Field Name Wildcat
Producing Formation Cherokee-Mississippi
Elevation: Ground 2080' KB 2085'
Total Depth 4760' PBTD



Amount of Surface Pipe Set and Cemented at 402' 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 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 Darrel Anderson
Title President-A & A Discovery, Inc. Date 1-16-91
Subscribed and sworn to before me this 16th day of January, 1991.
Notary Public Rita A. Anderson
Date Commission Expires Jan. 21, 1992

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 Plug Other
(Specify)

STATE NOTARY PUBLIC
RITA A. ANDERSON
Graham County, Kansas
My Appt. Exp. 1-21-92

SIDE TWO

Operator Name A & A Discovery, Inc. Lease Name Bryant Well # A-1
 Sec. 31 Twp. 27 Rge. 15 East County Pratt
 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets.) Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Submit Copy.) old information 5/27/87	<p style="text-align: center;">Formation Description</p> <p style="text-align: center;"><input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample</p> <p style="text-align: center;">Name Top Bottom</p> <p style="text-align: center;">Old information-Marmac Petroleum 5/27/87 attached page</p>
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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				402'				
Production	7-7/8"	4 1/2"	10 1/2#	4730'	Surfill	100		
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record				
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)			Depth	
2	4614-4632			1000gal 15%acid			4591-4632	
2	4591-4595			46,000lbs. sand frac				
				1,000BBL.gel water 22BBL				
				per min.				
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
Size		Set At		Packer At				
2-3/8"		4655'		none				
Date of First Production	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)							
12-13-90								
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
	4		0		20			31

Disposition of Gas: none **METHOD OF COMPLETION** Production Interval

Vented Sold Used on Lease Open Hole Perforation Dually Completed Commingled
 (If vented, submit ACO-18.) Other (Specify) _____