

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 # 8009
Name ... DISCOVERY, INC.
Address ... P.O. BOX 576
City/State/Zip Great Bend, KS 67530

Purchaser

Operator Contact Person DAY, D. FOLKERTS
Phone (316) 792-2588

Contractor: License # 5122
Name ... WOODMAN-IANNITTI DRILG CO.

Wellsite Geologist Dave Williams
Phone (316) 792-5020

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

If OWO: old well info as follows:
Operator
Well Name
Comp. Date
Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
1-24-86 1-29-86 1-30-86
Spud Date Date Reached TD Completion Date
3900' ---
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 654 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set
If alternate 2 completion, cement circulated from...feet depth to...w/...SX cmt
Cement Company Name
Invoice #

API NO. 15-145-21,237
County Pawnee
NE SE NE Sec. 21 Twp. 21 Rge. 15 East
3630 Ft North from Southeast Corner of Section
330 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

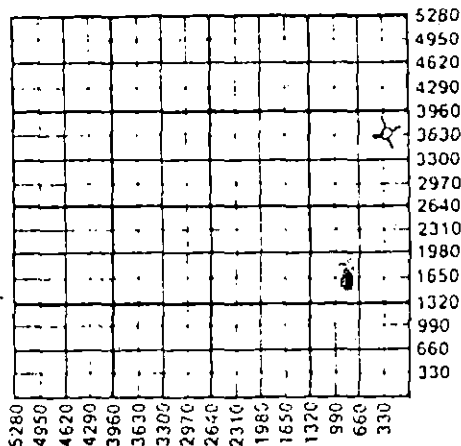
Lease Name Decker Well # 1-21

Field Name HURRAY, NW, EXT.

Producing Formation D.A.

Elevation: Ground 1950 KB 1955

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717
Source of Water:
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 3730 Ft North from Southeast Corner (Stream, pond etc) 330 Ft West from Southeast Corner Sec 21 Twp 21 Rge 15 East West
 Other (explain)
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 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 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 Daniel P. Williams
Title President Date 2/20/86

Subscribed and sworn to before me this 10th day of October 1986
Notary Public Marlene D. Brack
Date Commission Expires 10-30-89



STATE CORPORATION COMMISSION
MAR 3 1986
CONSERVATION DIVISION
Wichita, Kansas

Form ACO-1 (7-84)
FEB 9 1986
CONSERVATION DIVISION
Wichita, Kansas

3-3-86

Sec 21 Twp. 21 Rge. 15 E

Operator Name Discovery, Inc. Lease Name Signer Well # 1-21

Sec. 21 Twp. 21 Rge. 15 East West County Pawnee

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

Sand	0	70
Shale	70	165
Shale	165	348
Sand	348	445
Red Bed	445	662
Red Bed	662	671
Red Bed	671	910
Anhydrite	910	934
Shale	934	1825
Shale & Lime	1825	1927
Lime & Shale	1927	2030
Shale & Lime	2030	2415

Name	Top	Bottom
ANHYDRITE	910'	934'
HERRINGTON-KRIEDER	1881'	1938'
WINFIELD	1938'	
HCCBINEV	3320'	
ZATAN	3424'	
LAWSING	3432'	
BASE K.C.	3666'	

DST#1-Krieder/Winfield 1860-1927-30/30/30/30 Blow strong throughout- 80' thin drilling mud. Pressure IH 981; FH 971; IF 60/60; FF 81/81; ISIP 325; FSIP 477; Temp. 83°
 DST#2-Arbuckle 3827-3850-30/30/30/30 Blow strong throughout-2860' SW, Ch. 48000 PPM. Pressure IF 1980; FH 1960; IF 673/1235; FF 1264/1274; ISIP 1274; FSIP 1274; Temp 115°

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"	24#	654'	6A/740	350	3% CC, 2% Gel
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)			
Shots Per Foot	Specify Footage of Each Interval Perforated					Depth	
TUBING RECORD				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 Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity		

METHOD OF COMPLETION

Production Interval

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

STATE CORPORATION COMMISSION

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MAR 3 1986

FEB 27 1986

CONSERVATION DIVISION
 Wichita Kansas

CONSERVATION
 WICHITA, K.