

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 # 4748
Name A&A Discovery, Inc.
Address Box 100
Hill City, Kansas 67642
City/State/Zip

Purchaser

Operator Contact Person Darrel Anderson
Phone 913-674-2234

Contractor: License # 5669
Name Helberg Oil Company

Wellsite Geologist Scott Alberg
Phone 316-672-5729

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

4-9-1987 4-19-1987 4-19-1987
Spud Date Date Reached TD Completion Date
4430'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 217 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

API NO. 15-065-22360-00-00

County Graham

SW NE NW Sec 19 Twp 10 Rge 24 East West

4468 Ft North from Southeast Corner of Section
3900 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

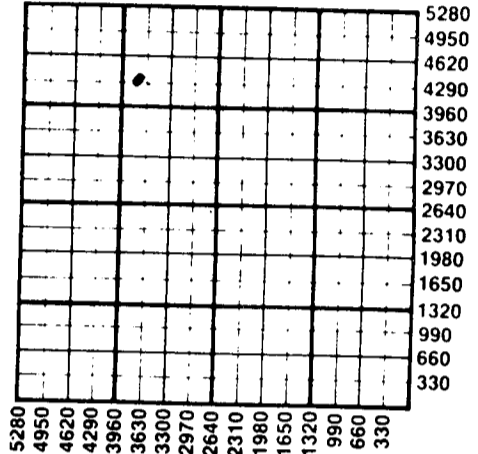
Lease Name Hobbs Well # "A"-1

Field Name Wildcat

Producing Formation N/A

Elevation: Ground 2383 KB 2388

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket #

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 Sec Twp Rge East West
- Surface Water Stream, pond etc) Ft North from Southeast Corner Ft West from Southeast Corner Sec Twp Rge East West
- Other (explain) (purchased from city, R.W.D. #)

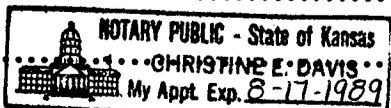
INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 apply. Information on side two of this form will be held 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 Darrel Anderson
Title President - A&A Discovery, Inc. Date 5-5-87

Subscribed and sworn to before me this day of 19 Notary Public Christine E. Davis

Date Commission Expires



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution SWD/Rep NGPA Plug Other (Specify)
MAY 8 1987

STATE CORPORATION COMMISSION RECEIVED

CONSERVATION DIVISION

Sec. 19, Twp. 10, Rge. 24

SIDE TWO

Operator Name A&A Discovery, Inc. Lease Name..... Hobbs Well #..... "A"-1

Sec..... SW Twp..... NE Rge..... NW 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 - 3702 to 3765' Int. 30-45-30-45; IHM 1889, FIFP 93, FFFP 116; ICIP 1100; SIFP 140; SFFP 163; FCIP 1054; FHM 1866
 Recovery - 270' thin mud.

DST # 2 - 3780' to 3797' Int. 30-40-30-45; IHM 1935; FIFP 46; FFFP 93; ICIP 997; SIFP 116; SFFP 163; FCIP 986; FHP 1912. Recovery - 290' muddy water.

DST # 3 - 3863 to 3930'. Int. 30-45-30-45, IHP 2050; FIFP 58; FFFP 58; ICIP 81; SIFP 58; SFFP 58; FCIP 81; FHM 2027.
 Recovery - 10' drilling mud.

Name	Top	Bottom
Anhydrite	2048'	
Topeka	3455	
Heebner	3680'	
Toronto	3700	
Lansing	3717	
B/KC	3947	
Marmaton	3977	
Mississippi	4262	
Viola	4364	
TD.	4430	

No logs taken

Dry and abandoned.

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"		217'	common	125	60/40 Poz. 3% Cal. 2% Gel
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
N/A							
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
N/A	Size	Set At	Packer at				
Date of First Production		Producing Method					
N/A		<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 N/A Production Interval

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

ACO-1 WELL HISTORY

PAGE 2 (Side One)

OPERATOR A&A Discovery, LEASE NAME Hobbs "A" #1

SEC 19 TWP 10 RGE 24 (E) (W) XXXXX

WELL NO.

FILL IN WELL INFORMATION AS REQUIRED:

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing & Shut-in pressures, and recoveries.

Show Geological markers, logs run, or Other Descriptive information.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Shale	0	10		
Shale	10	224		
Shale	224	798		
Shale	798	1375		
Sand & Shale	1375	1505		
Sand & Shale	1505	1970		
Shale	1970	2048		
Anhydrite	2048	2084		
Shale	2084	2165		
Shale & Lime	2165	2425		
Shale & Lime	2425	2607		
Shale & Lime	2607	2822		
Shale & Lime	2822	2986		
Shale & Lime	2986	3152		
Shale & Lime	3152	3310		
Shale & Lime	3310	3425		
Lime & Shale	3425	3578		
Lime & Shale	3578	3705		
Shale & Lime	3705	3762		
Lime	3762	3765		
Lime	3765	3772		
Shale & Lime	3772	3797		
Shale & Lime	3797	3826		
Lime	3826	3895		
Shale & Lime	3895	3930		
Lime	3930	3942		
Lime	3942	4008		
Shale & Lime	4008	4058		
Lime & Shale	4058	4115		
Lime & Shale	4115	4177		
Lime & Shale	4177	4230		
Lime & Shale	4230	4290		
Lime & Shale	4290	4349		
Lime & Shale	4349	4420		
Lime & Shale	4420	4430		
T.D.	4430			

D&A

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MAY 8 1987

CONSERVATION DIVISION
Wichita, Kansas