

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 # 5418
name ALLEN DRILLING COMPANY
address P.O. Box 1389
Great Bend, KS 67530
City/State/Zip

Operator Contact Person Doug Hoisington
Phone 316/793-3582

Contractor: license # 5418
name ALLEN DRILLING COMPANY

Wellsite Geologist RANDALL M. LILAK
Phone 316/793-3582

PURCHASER NA - D&A

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 NA
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable
06/19/84 06/25/84 06/25/84
Spud Date Date Reached TD Completion Date
3920' --
Total Depth PBTD
Amount of Surface Pipe Set and Cemented at 983' feet
Multiple Stage Cementing Collar Used? Yes No
If Yes, Show Depth Set NA feet
If alternate 2 completion, cement circulated from NA feet depth to w/ SX cmt

API NO. 15 - 15-145-21,130-0000

County Pawnee

E/2 SE NE Sec 21 Twp 21S Rge 16 W | East West
(location)

3300 Ft North from Southeast Corner of Section
330 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

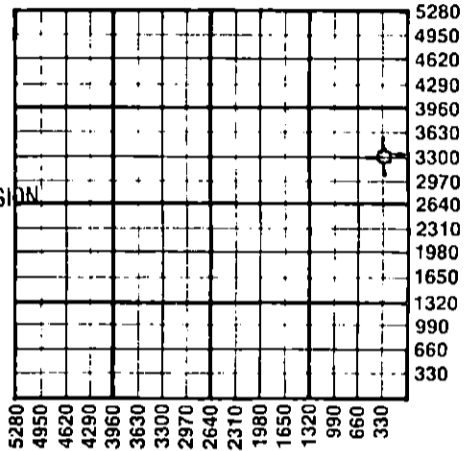
Lease Name BOYD Well# 1-21

Field Name Wildcat

Producing Formation D&A

Elevation: Ground 1985' KB 1990'

Section Plat



7-19-84
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WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit # T84-344
 Groundwater 3300 Ft North From Southeast Corner and
(Well) 330 Ft West From Southeast Corner of
Sec 21 Twp 21 Rge 16 East West
 Surface Water Ft North From Southeast Corner and
(Stream, Pond etc.) Ft West From Southeast Corner
Sec Twp Rge East West
 Other (explain) (purchased from city, R.W.D.#)

Disposition of Produced Water: Disposal Repressuring
Docket # NA

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. Rules 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 Doug Hoisington
Title Vice-President, Production Date 7/17/84

Subscribed and sworn to before me this 17th day of July 1984

Notary Public Ruth Drack
Date Commission Expires 9/2/84



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)

Sec 21 Twp 21S Rge 16W

Operator Name ALLEN DRILLING COMPANY Lease Name BOYD Well# 1-21SEC 21 TWP 21S RGE 16 East West

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

DRILL STEM TESTS - See Page 2, Side 1

Name	Formation Description	
	Top	Bottom
PERMIAN		
Stone Corral	979	+1011
Base Anyhdrite	1004	+986
Chase Group	1945	+45
Fort Riley	2108	-118
Council Grove Group		
Red Eagle	2516	-526
PENNSYLVANIAN		
Wabunsee Group	2685	-695
Tarkio	2811	-821
Howard	3014	-1024
Shawnee Group		
Topeka	3093	-1103
Heebner	3363	-1373
Toronto	3384	-1394
Douglas Group	3398	-1408
Iatan	3459	-1469
Lansing-KC	3472	-1482
Drum	3609	-1619
Stark	3672	-1682
Base KC	3718	-1728
Marmaton	3735	-1745
Conglomerate	3754	-1764
ORDOVICIAN		
Viola	3769	-1779
Simpson	3785	-1795
Arbuckle	3842	-1852
TOTAL DEPTH	3920	-1930

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"	23	983'	50/50 poz lite	225 225	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				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 CFPB	Gravity		

Disposition of gas: vented sold used on lease

METHOD OF COMPLETION: open hole perforation other (specify)
 Dually Completed. Commingled

PRODUCTION INTERVAL:

ACO-1 WELL HISTORY

PAGE 2 (Side One)

OPERATOR ALLEN DRLG. CO LEASE NAME BOYD SEC. 21 TWP 21S RGE 16 (E)
 WELL NO. 1-21 (W)

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
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DRILL STEM TESTS

Three drill stem tests were run by ARROW TESTING COMPANY.

- DST #1: 3460 to 3520 (LANSING 'A'-'F' Zones, 0-48)
 BLOW: Weak blow died in 12 minutes, Flushed tool, no help.
 RECOVERED: 15 feet of mud with a few spots of oil.
 SHUT-IN PRESSURES: (Initial) 34#/15" (Final) 22#/15"
 FLOW PRESSURES: (Initial) 34-22#/15" (Final) 22-22#/15"
 HYDROSTATIC PRESSURES: 1753#
- DST #2 3840 to 3845 (ARBUCKLE: 0-4 to -1856)
 BLOW: Strong blow off bottom of bucket on both openings.
 RECOVERED: 1980 feet of water (RW = .16, Cl₂ = 25K)
 SHUT-IN PRESSURES: (Initial) 1241/45" (Final) 1241/45"
 FLOW PRESSURES: (Initial) 56-295/15" (Final) 340-916/45"
 HYDROSTATIC PRESSURE: 1886#
- DST #3 3595 to 3678 (LANSING-KC 'H'-'K' Zones, 123-206)
 BLOW: Slow build to off bottom of bucket on both openings.
 RECOVERED: 270 feet of muddy water
 SHUT-IN PRESSURES: (Initial) 1285#/45" (Final) 1274#/45"
 FLOW PRESSURES: (Initial) 34-40/15" (Final) 68-102/45"
 HYDROSTATIC PRESSURE: 1720#
 STRADDLE TEST: Bottom Packer Held.

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 STATE CORPORATION COMMISSION

JUL 19 1984

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 Wichita, Kansas