

SAS

State Geological Survey
WICHITA BRANCH

WELL COMPLETION REPORT AND
DRILLER'S LOG

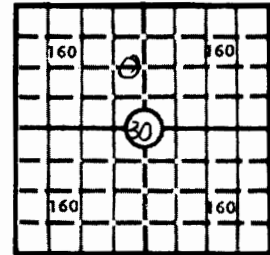
API No. 15 — 007 — 21,137
County Number

S. 30 T. 33 R. 12W E
W

Loc. E/2 E/2 NW

County Barber

640 Acres
N



Locate well correctly

Elev.: Gr. 1492

DF. 1497 KB. 1500

Operator
Kansas Oil Corporation

Address
250 N. Rock Rd., Suite 300, Wichita, KS 67208

Well No. #1 Lease Name Christensen

Footage Location
1320 feet from (N) ~~XX~~ line 2310 feet from ~~XX~~ (W) line

Principal Contractor Reach Drilling Geologist Robert L. Laymon

Spud Date 3-10-81 Date Completed 6-16-81 Total Depth 4580' P.B.T.D.

Directional Deviation None. Oil and/or Gas Purchaser Kansas Power & Light

CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface		8 5/8"		293'	common	250	2% gel 3% CaCl
Production		4 1/2"		4575'	60-40 posmix	300	10% salt

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2		4482-92

Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Swb. Acid w/1000 gal 15% MCA. Swb. rec. 75 bbls. fluid. Frac w/ 26,000 gal foam w/150 sx. 20-40 + 50 sx. 10-20 sand.	4482-92

INITIAL PRODUCTION

Date of first production SIGW	Producing method (flowing, pumping, gas lift, etc.) Pumping
RATE OF PRODUCTION PER 24 HOURS	Oil bbls. 350 Gas MCF Water bbls. Gas-oil ratio CFPB
Disposition of gas (vented, used on lease or sold) sold	Producing interval (s) 4482-92

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be trans- mitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 245 No. Water, Wichita, Kansas 67202. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator
 Kansas Oil Corporation

DESIGNATE TYPE OF COMP.: OIL, GAS,
 DRY HOLE, SWDW, ETC.:

Well No. #1 Lease Name Christensen

Gas

S 30 T 33 R 12 W E
 W

WELL LOG

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 and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN,
 OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Heebner	3694			
Toronto	3728			
Amazonia	3772			
Douglas	3796			
Brown Lime	3877			
Lansing B	3916			
Dennis	4300			
Swope	4330			
Hertha	4358			
B/KC	4384			
Cherokee Sh.	4460			
Miss.	4480			
DST#1, 4482-4510', 30-30-30-30, Rec. 5' drilling mud. IFP 75-75 psi., ISIP 75 psi., FFP 75-75 psi., IHP 2364 psi., FSIP 75 psi., FHP 2333 psi., and BHT 114°F.				

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received	<i>Michael R. Bryan</i>
	Signature
	Michael R. Bryan
	Title
	8-26-81
	Date

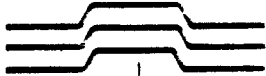
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30-33-12W

E/2 E/2 NW

SPARTAN DRILLING CORPORATION

State Geological Survey
WICHITA



March 20, 1981

DRILLERS LOG

RE: Christensen #1
E/2 E/2 NW/4
Sec. 30 T33-R12W
Barber County, KS

OPERATOR: Kansas Oil Corporation
CONTRACTOR: Spartan Drilling Corporation
COMMENCED: 3-9-81
COMPLETED: 3-19-81

Surface Pipe 293' 12 1/4" w/250 3% cc 2% Gel

0	310	Shale & Sand
310	1044	Shale
1044	1435	Shale & Sand
1435	1470	Anhydrite
1470	1886	Shale
1886	3870	Shale & Lime
3870	4580	Lime & Shale

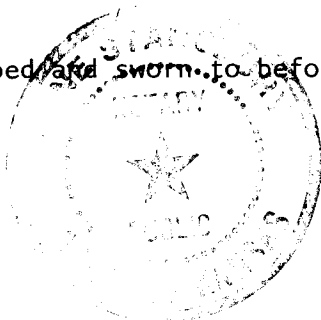
We certify that the above and foregoing is a true and correct copy of the log on the Christensen #1 in Barber County, Kansas.

SPARTAN DRILLING CORPORATION

Floyd C. Wilson

Floyd C. Wilson
President

Subscribed and sworn to before me this 20th day of March, 1981.



one Stansbury
Notary Public