

15-121-20772

State Geological Survey

KANSAS DRILLERS LOG

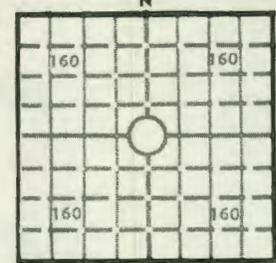
API No. 15 — 121 — 20772
 County Number

S. 11 T. 16S R. 21E W

Loc. 800' FWL 1570' EST SW/4

County Miami C NW SE

640 Acres N 1000



Locate well correctly

Elev.: Gr. _____

DF _____ KB _____

Operator
 P-W Joint Venture

Address
 13200 Wide Acre Road Golden, Colo. 80401

Well No. # 4-P Lease Name North Cone

Footage Location
 1570 feet from (S) line 800 feet from (E) (W) line

Principal Contractor Wellsville Development, Inc. Geologist

Spud Date 10-13-78 Total Depth 685 P.B.T.D.

Date Completed 10-15-78 Oil Purchaser Town Oil Company

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 1/8	6 1/2	15	25	Neet	1	
Production	5 1/2	2 3/8	3.7	670'	Portland	90	290 Gel

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval

Size	Setting depth	Packer set at
2 3/8	670	670

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
50 sx 12-30 sand	670-685
60 sx 10-20 sand	
100# water gel	

INITIAL PRODUCTION

Date of first production 12-20-78 Producing method (flowing, pumping, gas lift, etc.) pumping

RATE OF PRODUCTION PER 24 HOURS	Oil 3 bbls.	Gas MCF	Water 5 bbls.	Gas-oil ratio	CFPB
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Disposition of gas (vented, used on lease or sold) _____ Producing interval(s) _____

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 transmitted 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, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. 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.

11-16-21E

Farm - North Cone

Contractor - Wellsville Development, Inc.

County - Miami

Drilling Started - 10-13-78

Well - 4-P

Drilling Completed - 10-15-78

Lease Owner - P&W

Permanent Casing

<u>Size</u>	<u>Amount</u>	<u>Condition</u>	<u>Cement</u>
6 1/2	15	Used	1
2	670	New	90

<u>Strata</u>	<u>Total Depth</u>
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Soil & Clay	5
Lime	8
Slate	13
Lime	24
Shale	31
Lime	55
Shale	85
Lime	110
Shale & Shells	185
Lime	210
Shale & Shells	235
Lime	249
Shale	275
Lime	285
Shale	307
Lime	320
Shale	325
Lime	329
Shale	332
Lime	335
Shale	342
Lime	358
Shale	365
Lime	385
Shale & Shells	525
Lime Shells	532
Shale	558
Lime	569
Shale & Shells	582
Lime	591
Shale	595
Lime	602
Shale	605
Lime	614
Shale	617
Lime	621
Shale	625
Lime	630
Shale	635
Lime	642
Shale	650
Lime & Shells	670
Oil sand	685