

KANSAS DRILLERS LOG

S. 26 T. 16 R. 21 ^E/_W
 Loc. 1320⁺ FSL & 900⁺ FWL W2 SW
 County Miami ^{NE SW SW}

API No. 15 — 121 — 20,809
 County Number

Operator
P & W Joint Ventures

Address
13200 Wide Acre Road Golden, Colo 80401

Well No. #S-9 Lease Name Sharp

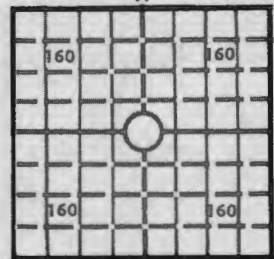
Footage Location
1320 feet from (E) (S) line 900 feet from (E) (W) line
868 FSL! 4384 FEL-KCC

Principal Contractor Wellsville Development, Inc Geologist

Spud Date 12-4-78 Total Depth P.B.T.D.

Date Completed 12-7-78 Oil Purchaser Town Oil Co.

640 Acres
N KCC



Locate well correctly

Elev.: Gr. _____

DF _____ KB _____

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 1/4	1.5	25	Neat	1	
Production	5 1/4	2 3/8	3.7	697	Portland	90	2%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	697	697

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
50 SX 12-30	697 - 705
60 SX 10-20	
100 lbs water gel	

INITIAL PRODUCTION

Date of first production <u>1-10-79</u>	Producing method (flowing, pumping, gas lift, etc.) <u>pumping</u>
RATE OF PRODUCTION PER 24 HOURS	Oil <u>3</u> bbls. Gas <u>MCF</u> Water <u>.50</u> bbls. Gas-oil ratio <u>CFPB</u>
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.

26-16-21E

Farm - Sharp

Contractor - Wellsville Development, Inc.

County - Miami

Drilling Started - 12-4-78

Well - S-9

Drilling Completed - 12-7-78

Lease Owner - P&W

Permanent Casing

<u>Size</u>	<u>Amount</u>	<u>Condition</u>	<u>Cement</u>
6 1/2	25	used	1
2 3/8	697	new	90

Strata Total Depth

Soil & Clay	6
Lime	9
Slate	16
Lime	21
Shale	24
Lime	32
Shale	39
Lime	43
Shale & Shells	51
Lime	54
Shale & Shells	63
Lime	68
Shale	83
Lime	87
Shale	111
Lime	120
Shale	133
Lime	140
Shale	158
Lime	165
Shale	178
Lime	195
Shale	200
Lime	212
Shale & Shells	230
Lime Shells	245
Shale	267
Lime	280
Shale & Shells	297
Lime	327
Shale	365
Lime	39-
Shale	416
Lime	456
Shale	480
Lime	515
Shale	560
Lime	603
Shale	625
Lime	642
Shale	660
Lime & Shells	697
Oil sand	705