

STATE OF KANSAS  
STATE CORPORATION COMMISSION  
200 Colorado Derby Building  
Wichita, Kansas 67202

WELL PLUGGING RECORD  
K.A.R.-82-3-117

API NUMBER 15-151-20,527  
LEASE NAME Hartsell  
WELL NUMBER #1  
SPOT LOCATION C SE SE  
SEC 14 TWP. 26 RGE. 12 (E) or (W)  
COUNTY Pratt  
Date Well Completed \_\_\_\_\_  
Plugging Commenced 4-25-84  
Plugging Completed 5-1-84

TYPE OR PRINT  
NOTICE: Fill out completely  
and return to Cons. Div.  
office within 30 days.

LEASE OPERATOR Geodessa Corporation  
ADDRESS 515 R.H. Garvey Building, Wichita Ks. 67202  
PHONE # (316-788-3365) OPERATORS LICENSE NO. 6063

Character of Well oil  
(Oil, Gas, D&A, SWD, Input, Water Supply Well)

Did you notify the KCC/KDHE Joint District Office prior to plugging this well? Yes

Which KCC/KDHE Joint Office did you notify? 1

Is ACO-1 filed? \_\_\_\_\_ If not, is well log attached? With application

Producing formation \_\_\_\_\_ Depth to top \_\_\_\_\_ bottom \_\_\_\_\_ T.D. 4400'

Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

Formation	Content	From	To	Size	Put in	Pulled out
				8-5/8"	434	None
				4-1/2"	4399'	2307.02'

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used state, the character of same and depth placed, from feet to feet each set.

Dumped sand to 2950' and 4 sacks cement. Shot casing at 2600', 2500', 2400', 2300'. Pulled 54 joints of 4-1/2" casing. Squeezed well with 3 sacks hulls 10 sacks gel, 50 sacks cement, 1 sack hulls, released plug and pumped 125 sacks 60/40 pozmix cement with 2% added gel and 3% calcium chloride.

Name of Plugging Contractor Rockhold Engineering, Inc. License No. 5111  
Address Box 698, Great Bend, Kansas 67530

RECEIVED  
STATE CORPORATION COMMISSION

STATE OF Kansas COUNTY OF Barton, ss.

James W. Rockhold

(employee of operator) or 5-4-84  
(operator) of above-described well, being first duly sworn on oath, says: CONSERVATION DIVISION  
I have knowledge of the facts, statements, and matters herein contained and Wichita, Kansas  
the log of the above-described well as filed that the same are true and correct, so help me God.

(Signature) James W. Rockhold  
James W. Rockhold  
(Address) Box 698, Great Bend, Ks. 67530

SUBSCRIBED AND SWORN TO before me this 3rd day of May, 1984

STATE NOTARY PUBLIC  
KANSAS  
IONA M. LEATHERMAN  
Barton County, Kansas  
My Appt. Exp. 9-26-87

My Commission expires:

Iona M. Leatherman  
Notary Public

KANSAS DRILLERS LOG

API No. 15 — 151 — 20,527-0000  
 County Number

Operator  
 Argonaut Energy Corp.

Address  
 P. O. Box 12099 Amarillo, Texas 79101

Well No. #1 Lease Name Hartsell

Footage Location  
 660' feet from (N/S) line 660' feet from (E) (W) line

Principal Contractor H-30 Inc. Geologist Mark Powers

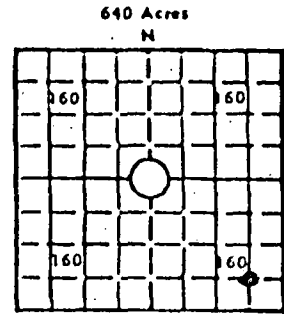
Spud Date 7/21/78 Total Depth 4400 P.B.T.D. -

Date Completed 8/18/78 Oil Purchaser

S. 14 T. 26 R. 12 W

Loc. SE SE

County Pratt



Elev.: Gr. 1879

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 csg	12-1/4	8-5/8"	20#	434'	Common	325	2% Gel & 3% CC
Prod string	7-7/8	4-1/2"	10 5#	4399'	Poz	350	2% Gel, 10% salt 75 CF & R2 12# Gilsonite/sk

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement
none		

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
4		4224-30'
4		4029-42'
		4016-24'

TUBING RECORD

Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
250 gal. 15% acid	4224-30'
Acidized w/1000 gal. 15% Spearhead acid	4016-42'
Foam fraced w/ 350 sx 20/40	4016-42'

Winfield	1917	1982
Towanda	1982	2026
Ft. Riley	2026	2120
Base/Florence	-	2120
Indian Cave	2620	2652
Wabdunsee	2652	2724
Langdon Sand	2724	2781
Tarkio	2781	-
Howard	3002	3100
Topeka	3100	-
Base Heebner	3450	-
LS	3650	-
Des Moines Conglomerate	3992	4062
Miss.	4062	4138
Kinderhook Shale	4138	4184
Viola	4184	4278
Simpson	4278	4360
Arbuckle	4360	ID

DST #1 - 2807-17' 0 30" C 90" Open 120" Close 190" Rec. Muddy water neg. results.

DST #2 - 3670-3715' (Lansing) Open 20" 5160" Open 60" SI 120" Rec. 239' AG & OCM, 80' GC Oil, 170 se gcv, 5' gcm, IFPO FP 156#-27#, FSIBHP 1281# 120", IHP 1793#, FHP 1751#.

DST #3 - 4008-4045' (Des Moines), IHP 1924#, IF 28-37#, ICIP 1441#, FF 37-56#, FCIP 1385#, FHP 1924#, 0 30", 0 120", SI 180", SI 210", Rec. 3363' gas in pipe. 55' 6CDM.

RECEIVED  
 STATE CORPORATION COMMISSION  
 APR 09 1984  
 4-9-84  
 CONSERVATION DIVISION  
 Wichita, Kansas