

State Geological Survey
WICHITA BRANCH

BIG SPRINGS DRILLING, INC.

SUITE 29 • 400 NORTH WOODLAWN • (316) 681-1732

August 9, 1978

DRILLERS LOG

Re: Petroleum Energy, Inc.
Gordon No. One
S/2 NE/4 NW/4
Sec.32 Twp 19S Rg 12W
Barton County, Kansas

OPERATOR: Petroleum Energy, Inc.
CONTRACTOR: Big Springs Drilling, Inc.
COMMENCED: 7-26-78
COMPLETED: 8-4-78

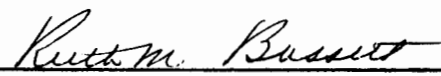
Surface Pipe	220' W/175	sx common 2% gel 3% ccl
0	220	Sand and Shale
220	609	Red Beds and Sand
609	618	Anhydrite
618	3262	Lime and Shale
3262	3352	Lime
3352	3396	Lime and Shale
3396	3417	Lime
3417		RTD

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

BIG SPRINGS DRILLING, INC.


Paul A. Seymour, Jr.

Subscribed and sworn to before me this 9th day of August, 1978.


Ruth M. Bassett Notary Public

My commission expires:
May 30, 1979

15-009-21415

P.O. BOX 8287
MUNGER STATION
WICHITA, KANSAS 67208

32-19-12W