

Latitude

39° 20' 00"

80° 50' 00"

Longitude

was 095 70089

Topo Location

7.5' Loc.	<u>0.295</u>	15' Loc.	<u>0.295</u>
	<u>1.29W</u>	(calc.)	<u>1.29W</u>

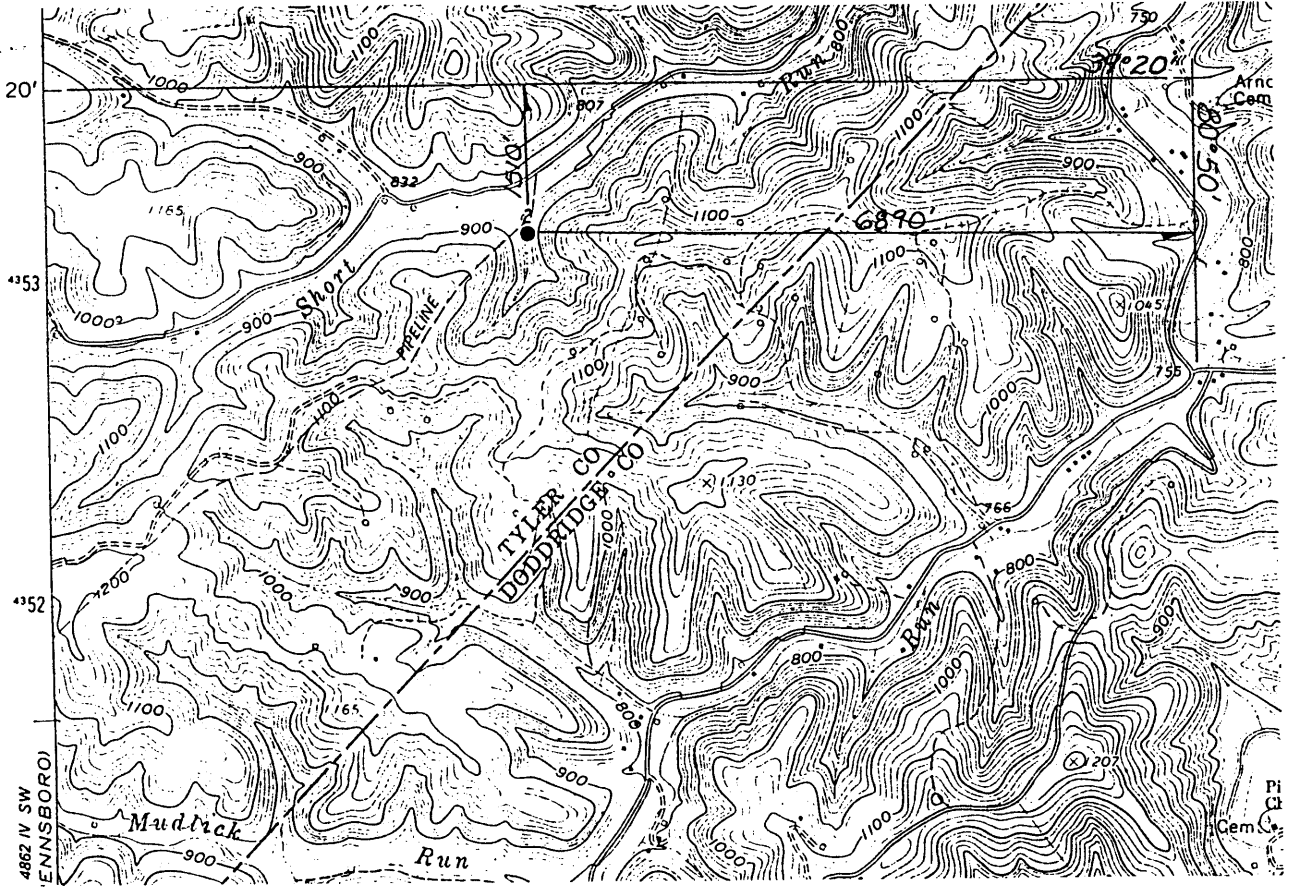
Company Quaker State Corp.
 Farm Cain Heirs #2
 15' Quad West Union (SC)
 (sec.)
 7.5' Quad West Union
 District Centerville

WELL LOCATION PLAT

County 095 Permit 1587N

INSTRUCTIONS

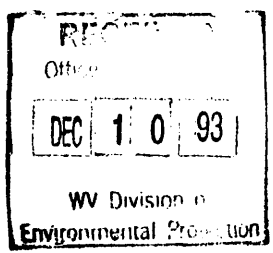
- 1) Attach a photo copy of the location of the well on a 7.5 minute Quadrangle with the corresponding Longitude and Latitude.
- 2) Designate the location of the well with the symbol(+).



I, the undersigned, Hereby certify that this plat is correct to the best of my knowledge and belief.

SIGNED *[Signature]*
 TITLE District Manager

18499



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION

DATE December 1, 19 93
 OPERATORS WELL NO. Cain Hrs #2
 API WELL NO. 47-095-1587-N

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS" PRODUCTION STORAGE _____ DEEP _____ SHALLOW _____)

LOCATION: ELEVATION 840' WATER SHED Tributary of Short Run
 DISTRICT Centerville COUNTY Tyler
 QUADRANGLE West Union 671

SURFACE OWNER Cain Hrs. ACREAGE 278
 OIL & GAS ROYALTY OWNER N/A LEASE ACREAGE _____
 LEASE NO. _____

PRODUCING FORMATION Big Injun Sand TOTAL DEPTH 1911'

WELL OPERATOR Quaker State Corporation DESIGNATED AGENT Frank Rotunda

ADDRESS 1226 Putnam Howe Drive ADDRESS P.O. Box 823
Belpre, OH 45714 Parkersburg, WV 26102

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
SECTION OF OIL AND GAS

WELL REGISTER ASSIGNMENT

This API Number 47- 95-01587, issued to QUAKER STATE CORPORATION is evidence of permission to operate the well that is referenced at the location described on the attached plat, subject to the provisions of Chapters 22 and 22B of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder. The name and telephone number of the Oil and Gas Inspector for this well is MIKE UNDERWOOD -
304-782-1043.

Spills or emergency discharges must be reported to 1-800-654-3312.

Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of your permits and in addition may result in civil and/or criminal penalties.

The enclosed WR-35 must be completed by you and returned to this office. In addition annual production reports must be submitted on this well and failure to do so may require you to plug the well.

Theodore M. Streit
Chief

By: 

Title: _____

Operator's Well No: CAIN HEIRS #2

Farm Name: CAIN HEIRS

API Well Number : 47- 95-01587 N

Date Issued : 03/10/94

CAIN HEIRS NO. 2 WELL.

70089
 095 1587

Centerville District, Tyler County, W. Va.

By.....
 Contractor, J. E. Trainer.

Elevation.....
 Drilling commenced Jan. 4, 1916; completed Feb. 5, 1916.
 10" casing, 435' (pulled); 8 1/2", 989' (pulled); 6 3/4", 1716' (left in).
 Cased with 1911 feet of 2" tubing. 6 3/4" casing below anchor packer 3 ft.;
 6 3/4" x 8 1/2" steel casing shoe on bottom.
 Shot April 7, 1916, with 20 qts., at 1859-1868'.
 Open flow test after shot, 30/10ths Merc. through 2" opening = 1,571 M.
 Tubed with 2" tubing. 61' anchor below perforation. Used 6 3/4" anchor
 packer set at 1746'.

Record in Eastern Petroleum Co. Well Record book of Clifton Oil & Gas Co.

	Top.	Bottom.
Conductor	0	12
Coal	70	..
Harry-up Sand (2 barrels water at 380')	340	430
Pittsburgh Coal	470	471
Little Burkard Sand	860	875
Big Burkard Sand (water at 970'; little water at 990')	967	997
Gas Sand	1085	1110
First Salt Sand	1210	1255
Second Salt Sand	1260	1355
3rd Salt Sand	1430	1556
Pink rock	1630	1675
Little Line	1679	1693
Pencil Cave	1693	1707
Big Line	1707	1736
Big Injun Sand (gas, 1793')(10/10ths W. through 6 3/4") (gas, 1859-1869') (show of oil, 1865')	1736	1869
Squar Sand	1877	1890
Total depth		1911

CAIN HEIRS NO. 3 WELL.

No record for No. 3 in Eastern Petroleum Co. Well Record book of
 Clifton Oil & Gas Co.

70089
 Top Location
 7.5' Loc. 0.295 15' Loc. 0.295
 1.29d (calc.) 1.29d