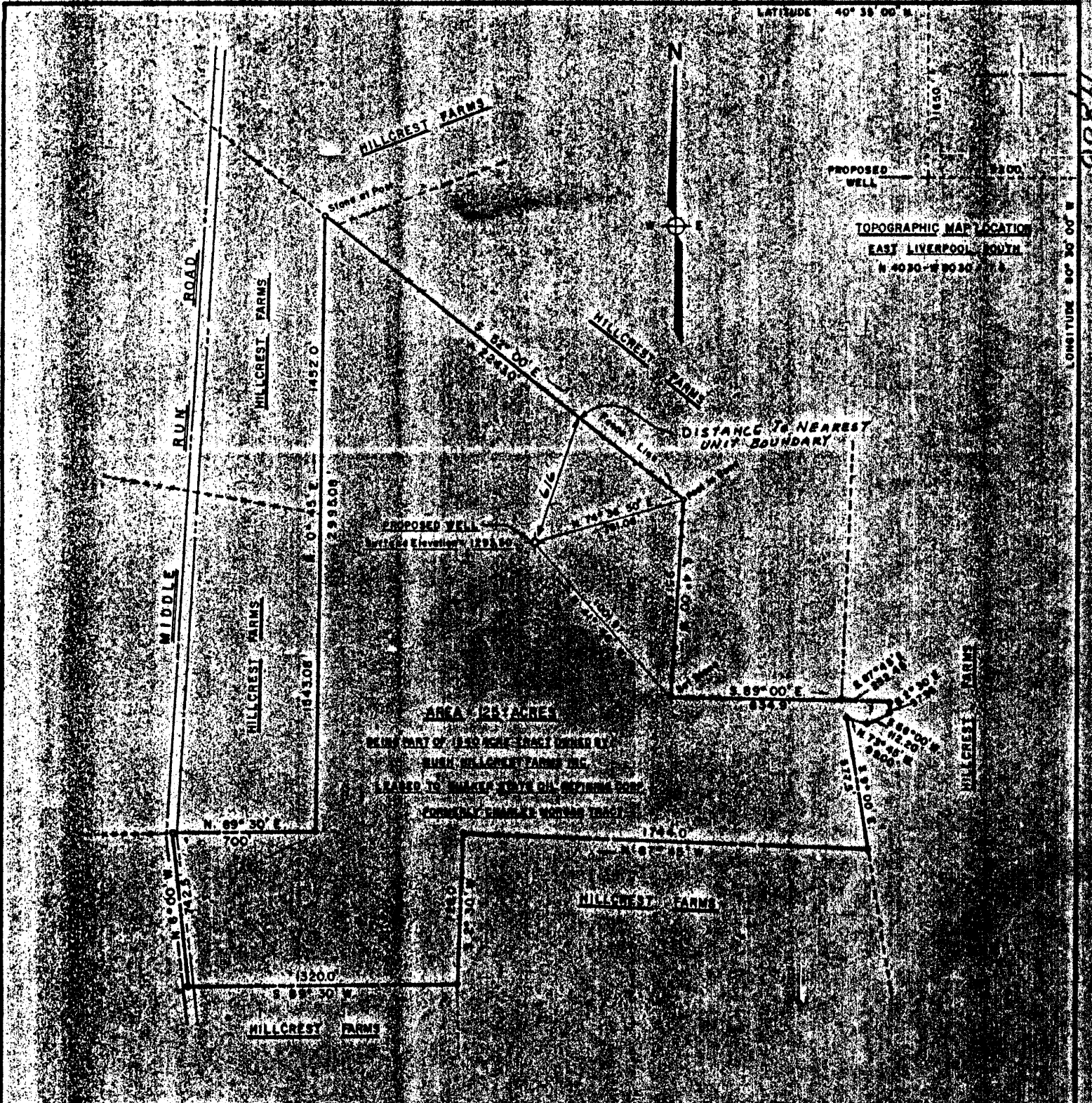


9200 117.75 B



AREA DESCRIBED
 BEING PART OF 120 ACRES TRACT OWNED BY
 RUSH HILLCREST FARMS INC.
 LEASED TO WAKER STATE OIL REFINING CORP.
 COMMERCIAL TRACTS SECTION 1200

LOCATION PLAT

NQ 1 RUSH HILLCREST FARMS WELL
 SITUATE IN
 CLAY DISTRICT - HANCOCK COUNTY - WEST VIRGINIA
 MADE AT THE INSTANCE OF
 WAKER STATE OIL REFINING CORPORATION

SCALE 1" = 5000' 12/16/76 DECEMBER 1976
 FRANKLIN D. HANEY BEAVER FALLS, PA.
 REGISTERED SURVEYOR

HAN-87-PP-FRAC-P
47-029
 FRAC - 3/22/76
 PART PLUG 3/15/76

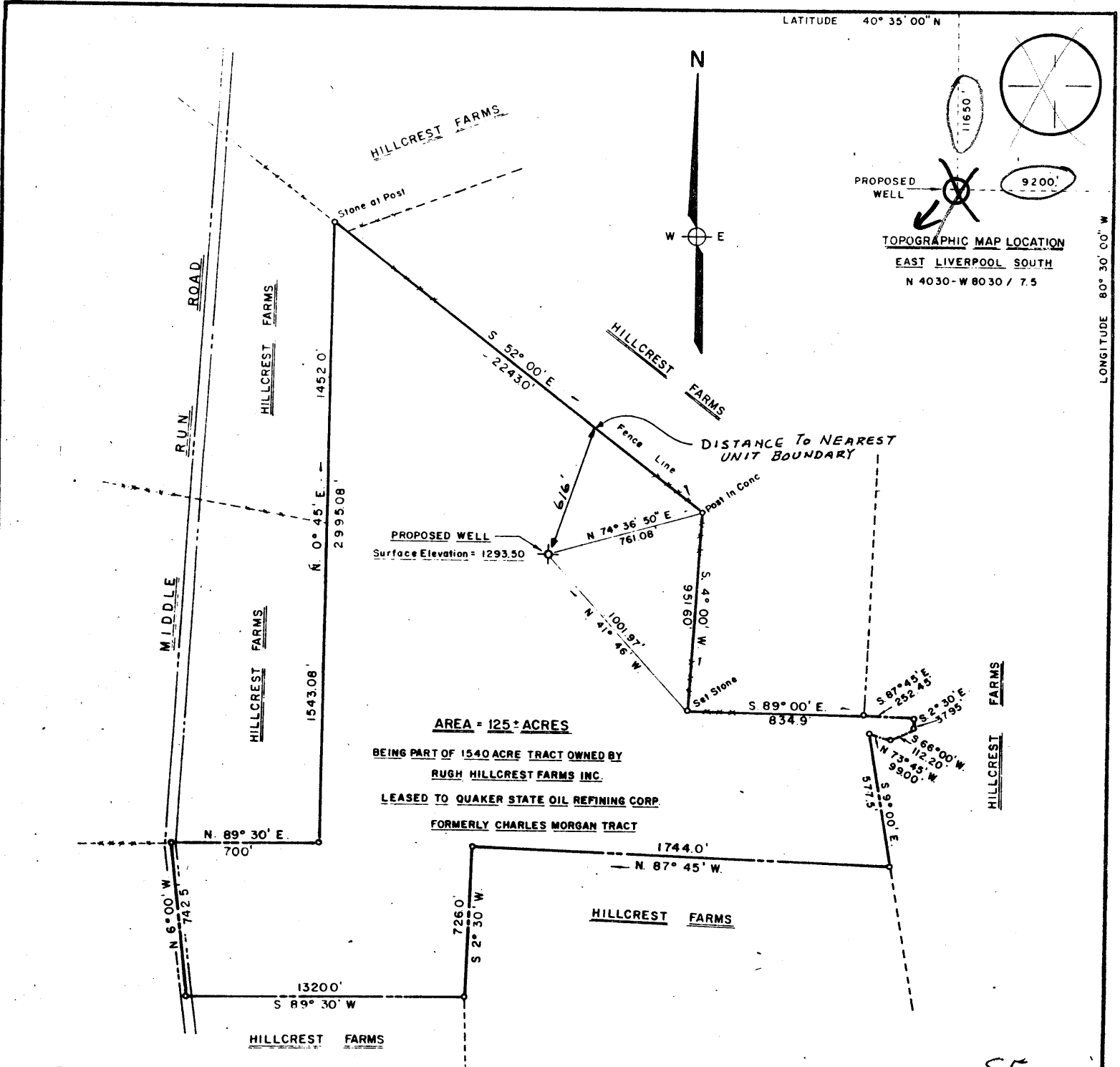


Elevation shown obtained by leveling
 U.S.G.S. datum of National Tides
 corrected to 1929 - 1983 datum

This plat does not constitute a survey or
 a plan and is not a substitute for a
 complete survey or plan.

Franklin D. Haney hereby certifies
 that this plat is correct to the best
 of his knowledge and belief and that
 all the information required by law
 and the rules and regulations of the
 West Virginia State Board of Surveyors
 has been presented to the Surveyors
 Board.

1,7,75 B



AREA = 125+ ACRES
 BEING PART OF 1540 ACRE TRACT OWNED BY
RUGH HILLCREST FARMS INC.
 LEASED TO QUAKER STATE OIL REFINING CORP.
 FORMERLY CHARLES MORGAN TRACT

Elevation shown obtained by using
 U.S.G.S datum at Herndon Airport
 located N 40 12 - W 80 32 15

All solid lines indicate a survey on
 the ground with a minimum accuracy of
 one part in 2500.

I, Franklin D. Haney, hereby certify
 that this plat is correct to the best
 of my knowledge and belief and shows
 all the information required by law
 and the rules and regulations issued
 and prescribed by the Department of
 Mines.

Franklin D. Haney
 REGISTRATION NO 267

LOCATION PLAT

NO 1 RUGH HILLCREST FARMS WELL
 SITUATE IN
 CLAY DISTRICT - HANCOCK COUNTY - WEST VIRGINIA
 MADE AT THE INSTANCE OF
 QUAKER STATE OIL REFINING CORPORATION

SCALE 1" = 8000 OR 1" = 3666 DECEMBER - 1974
 FRANKLIN D. HANEY BEAVER FALLS, PA.
 REGISTERED SURVEYOR

HAN-87-PP-FRAC

FRAC -3/22/76
 PART. PLUG 3/15/76

Deep Hall

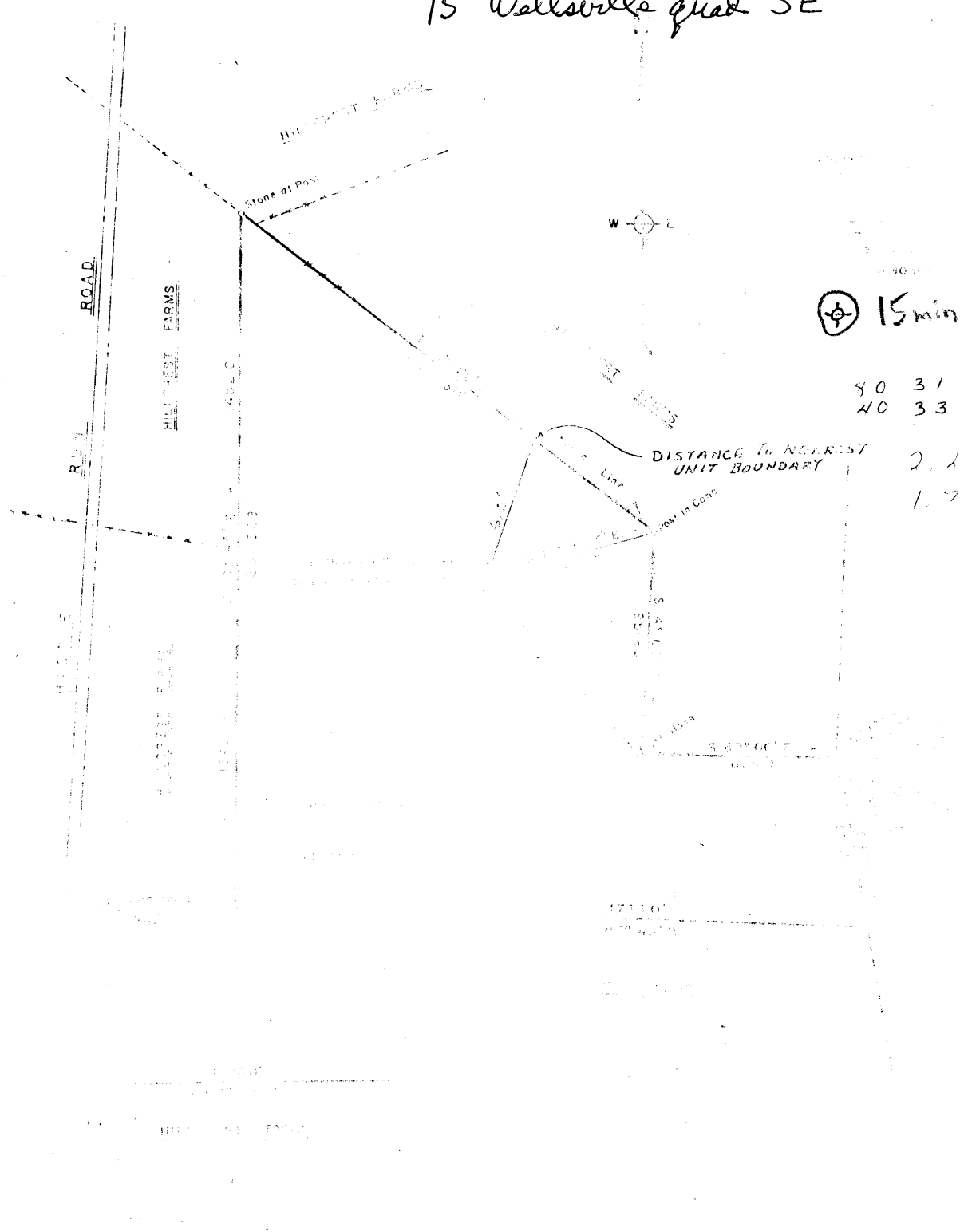
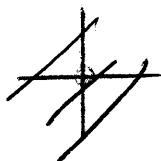
6---3-3' Correction

APR 6 1976

M

w

15' Wellsville quad SE



⊕ 15 min.

80	31	55
40	33	05

DISTANCE TO NEAREST UNIT BOUNDARY

2,140
1,700

HAN-87 (OP)

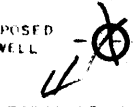
Deep well

2-0 Hardin Run 6

LATITUDE 40° 35' 00" N

40° 35'

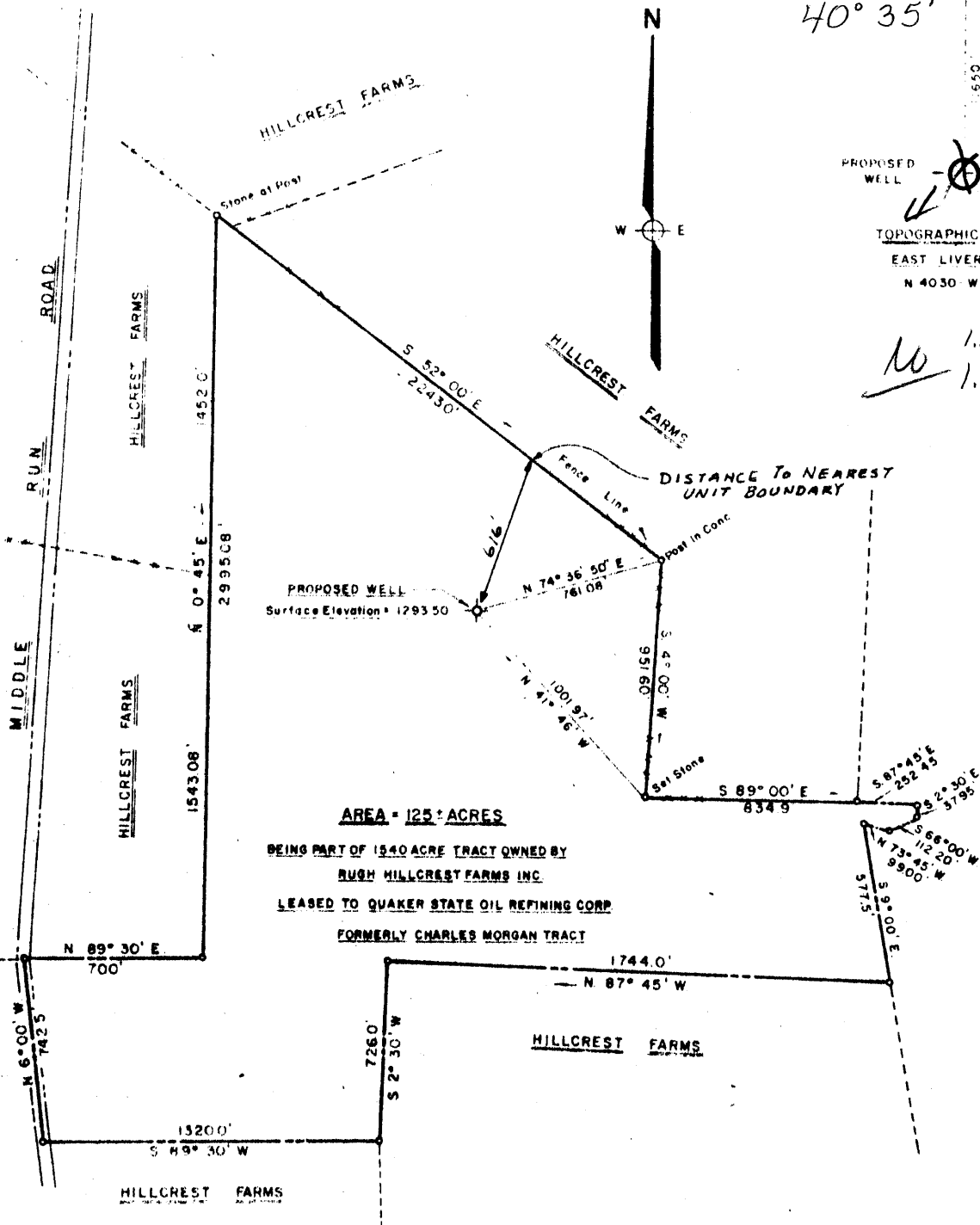
PROPOSED WELL



TOPOGRAPHIC MAP LOCATION
EAST LIVERPOOL SOUTH
N 4030 W 8030 / 75

No 1.275
1.12W

80° 30' 30"



AREA = 125 ACRES

BEING PART OF 1540 ACRE TRACT OWNED BY
RUSH HILLCREST FARMS INC.
LEASED TO QUAKER STATE OIL REFINING CORP.
FORMERLY CHARLES MORGAN TRACT

Elevation shown obtained by using
1957 U.S. datum at terrain airport
located 8.40 miles S 110° 12' W

I, Franklin D. Haney, hereby certify
that this plat is correct to the best
of my knowledge and belief and knows
all the information required by law
and the rules and regulations issued
and prescribed by the Department of
 Mines.

Franklin D. Haney
REGISTRATION NO. 267

LOCATION PLAT

NO. 1 RUSH HILLCREST FARMS WELL
SITUATE IN
CLAY DISTRICT HANCOCK COUNTY WEST VIRGINIA
MADE AT THE INSTANCE OF
QUAKER STATE OIL REFINING CORPORATION

SCALE 1" = 4000' OR 1" = 2666' DECEMBER, 1974
FRANKLIN D. HANEY BEAVER FALLS, PA.
REGISTERED SURVEYOR

HAN-87
47-029

SE
15' Wellsville Quad

Juss.

Deep Well

JAN 23 1975



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division

RECORDED
APR 7 1976
OIL AND GAS DIVISION
DEPT. OF MINES

WELL RECORD

Quadrangle _____

Permit No. HAN-87-PP-FRAC.

Rotary XX Oil _____
Cable _____ Gas XX
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind) _____

Company <u>QUAKER STATE OIL REFINING CORPORATION</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>P.O. Box 1327, Parkersburg, W.Va. 26101</u>				
Farm <u>Rugh Hillcrest Farms</u> Acres <u>125</u>	Size			
Location (waters) _____	20-16			
Well No. _____ Elev. <u>1293.5</u>	Cond.			
District <u>Clay</u> County <u>Hancock</u>	13-10"	10	None	
The surface of tract is owned in fee by _____	9 5/8			
<u>Rugh Hillcrest Farms</u>	8 5/8	1250	1250	Cemented to Surface
Address <u>Bolivar, Pennsylvania</u>	7			
Mineral rights are owned by <u>Same</u>	5 1/2			
_____ Address _____	4 1/2	5290	5290	250 sacks
Drilling Commenced _____	3			
Drilling Completed _____	2			
Initial open flow <u>Show</u> cu. ft. <u>0</u> bbls.	Liners Used			
Final production <u>50,000</u> cu. ft. per day <u>0</u> bbls.				
Well open _____ hrs. before test _____ RP.				

Well treatment details: All depths are Schlumberger Attach copy of cementing record.

Perforated from 5027 to 5098 and fractured with 1095 bbl, gelled water 4000 gal HCL, 32,000 # 20-40 sand *ONOG P.I cards run out @ 5030-5101*

Perforated from 4700 to 4840 and fractured with 1165 bbl gelled water and 32,000 # 20-40 sand *Dev-Sk P.I cards run out @ 4772-4840*

Perforated from 4532 to 4636 and fractured with 1090 bbl. gelled water and 32,000# 20-40 sand. *same P.I. card* **50 MCF**

Coal was encountered at None Feet _____ Inches _____
Fresh water None Feet _____ Salt Water _____ Feet _____
Producing Sand Onondaga and Devonian Shale Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
See original completion report						
Well re-completed in Onondaga & Devonian Shale						

(over)

* Indicates Electric Log tops in the remarks section.



RECEIVED

MAR 16 1976

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

WELL RECORD

7 1/2'
Quadrangle East Liverpool So.

Permit No. HAN-87

Rotary XX Oil _____
Cable _____ Gas XX
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal DAY (Kind)

Company <u>Quaker State Oil Refining Corporation</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>P.O. Box 1327, Parkersburg, W.Va.</u>	Size			
Farm <u>Rugh-Hillcrest Farms</u> Acres <u>125</u>	20-16			
Location (waters) _____	Cond.			
Well No. <u>1</u> Elev. <u>1293.5</u>	13-10"	<u>10</u>	<u>None</u>	
District <u>Clay</u> County <u>Hancock</u>	9 5/8			
The surface of tract is owned in fee by _____	8 5/8	<u>1250</u>	<u>1250</u>	<u>Cemented to surface</u>
<u>Rugh-Hillcrest Farms</u>	7			
Address <u>Bolivar, Pennsylvania</u>	5 1/2			
Mineral rights are owned by <u>Same</u>	4 1/2	<u>7601</u>	<u>7601</u>	<u>200 sacks</u>
_____ Address _____	3			
Drilling Commenced _____	2			
Drilling Completed <u>3/1/75</u>	Liners Used			
Initial open flow <u>0</u> cu. ft. <u>0</u> bbls.				
Final production <u>0</u> cu. ft. per day <u>0</u> bbls.				
Well open _____ hrs. before test _____ RP.				

Well treatment details: Attach copy of cementing record.
Perforated from 7334 to 7400 and fractured with 2182 bbl. gelled water,
30,000# of 20-40 sand, 30,000# of 80-100 sand. *P.I. under has pup w/d 7334-7374*

Coal was encountered at None Feet _____ Inches _____
 Fresh water None Feet _____ Salt Water _____ Feet _____
 Producing Sand Clinton Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Siltstone & Shale			0	75		Electric Log: Tops
Sandstone			75	95		
Shale			95	280		
Siltstone & Shale			280	400		
Sandstone			400	480		
Shale			480	615		
Sandstone			615	685		
Shale			685	1228		
Sandstone			1228	1262	<u>Berea</u>	9679
Shale			1262	4860		1260
Limestone <i>Tully?</i>			4860	4890		6417
Shale			4890	5020		
Limestone <i>Onondaga</i>			5020	5230		
Sandstone <i>Oriskany</i>			5230	5250		7330
Limestone & Dolomite <i>Held</i>			5250	5595		1294
Dolomite & Hydrite <i>Salina</i>			5595	6710		6036
Dolomite <i>McKenzie</i>			6710	6970		
Shale <i>Ron Hill</i>			6970	7250		
Dolomite			7250	7270		
Shale			7270	7330		
Sandstone <i>Tuscarora</i>			7330	7450		Clinton - broken
Shale			7450	T.D.		

* Indicates Electric Log tops in the remarks section.

(over)
TD 7679 Juniata



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

RECEIVED

MAR 17 1976

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

DATE March 16, 1976

Surface Owner Rugh Hillcrest Farms Inc.
Address Bolivar, Pennsylvania 15923
Mineral Owner Same
Address _____
Coal Owner Same
Address _____
Coal Operator None
Address _____

Company QUAKER STATE OIL REFINING CORPORATION
Address P.O. Box 1327, Parkersburg, W.Va. 26101
Farm Rugh Hillcrest Acres 125
Location (waters) _____
Well No. 1 Elevation 1293.5
District Clay County Hancock
Quadrangle _____

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22,
of the W. Va. Code, the location is hereby approved
for fracturing. This permit shall expire if
operations have not commenced by 7-22-76.

Robert H. Hill
Deputy Director - Oil & Gas Division
GENTLEMEN:

INSPECTOR TO BE NOTIFIED Donald Conner
PH: 428-8172 ADDRESS Mineral Wells, WV

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated March 21, 1973 by Rugh Hillcrest Farms, Inc. made to QUAKER STATE OIL REFINING CORP. recorded on the 11th day of April 1973, in Hancock County, Book 15 Page 159

_____ NEW WELL _____ DRILL DEEPER _____ REDRILL XX FRACTURE OR STIMULATE
_____ OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. *

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address _____ day _____ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours, QUAKER STATE OIL REFINING CORP.
(Sign Name) Carl Henrich
Well Operator

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:
West Virginia Geological and Economic Survey
P. O. Box 879
Morgantown, W. Va. 26505
AC 304-296-4461

Address _____
of _____
Well Operator _____
1226 Putnam Howe Drive
Street
Belpre
City or Town
Ohio 45714
State

*SECTION 3 If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

BLANKET BOND

THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO _____ DRILL _____ DEEPEN XX _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME Canton Oil Well Service _____ NAME R.C. Pingrey / QUAKER STATE OIL REFINING _____
 ADDRESS Canton, Ohio 44700 _____ ADDRESS P.O. Box 1327, Parkersburg, CORP. _____
 TELEPHONE _____ TELEPHONE 614-423-9543 _____ W.Va. 26101 _____
 ESTIMATED DEPTH OF COMPLETED WELL: 5900 _____ ROTARY _____ CABLE TOOLS XX _____
 PROPOSED GEOLOGICAL FORMATION: Shale & Chert _____
 TYPE OF WELL: OIL _____ GAS XX _____ COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8			
8 - 5/8	1306	1306	To surface
7			
5 1/2			
4 1/2	5300	5300	250 sacks
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 50 FEET --- SALT WATER 6825 FEET
 APPROXIMATE COAL DEPTHS No mineable coal _____
 IS COAL BEING MINED IN THE AREA? No BY WHOM? _____

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the _____ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

 For Coal Company

 Official Title



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

RECEIVED
JAN 7 1974
OIL & GAS DIVISION
DEPT. OF MINES

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

DATE January 6, 1975
Company Quaker State Oil Refining Corporation
Address 1226 Putnam Howe Dr. Belpre, Ohio 45714
Farm Rugh Hillcrest Farms Acres 125
Location (waters) _____
Well No. 1 Elevation 1293.5'
District Clay County Hancock
Quadrangle E. Liverpool South

Surface Owner Rugh Hillcrest Farms
Address Bolivar, Pennsylvania
Mineral Owner Same
Address _____
Coal Owner None
Address _____
Coal Operator None
Address _____

provisions being in accordance with Chapter 22,
of the W. Va. Code, the location is hereby approved
for drilling. This permit shall expire if
operations have not commenced by 5-7-75

[Signature]
Deputy Director - Oil & Gas Division

William Blosser-Inspector-at-Large
Colfax, W.Va. Fairmont - 363-9105
INSPECTOR TO BE NOTIFIED Richard J. Morris
Grantsville, W.Va. PH: 354-7259
Fairmont - 366-1913

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated March 21 1973 by Rugh Hillcrest Farms, Inc. made to Quaker State Oil Refining Co. and recorded on the 11th. day of April 1973, in _____ County, Book 15 Page 159

XXXX NEW WELL _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE
_____ OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. *

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address _____ day _____ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours, Quaker State Oil Refining Corporation
(Sign Name) Original Signed
Well Operator

1226 Putnam Howe Drive
Street
Belpre
City or Town
Ohio 45714
State

PLEASE SUBMIT COPIES OF ALL
PERMIT APPLICATIONS DIRECTLY TO:
West Virginia Geological and Economic Survey
P.O. Box 379
Martinsburg, W. Va. 26505
Tel. 304-296-4461

Address
of
Well Operator

*SECTION 3 If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

BLANKET BOOK

THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO: XX DRILL DEEPEN XX FRACTURE WELL

WELL OPERATOR
NAME QUAKER STATE OIL REFINING CORPORATION

RESPONSIBLE AGENT:
NAME Robert C. Pingrey

ADDRESS 1226 Putnam Howe Drive, Belpre, Ohio

ADDRESS 1226 Putnam Howe Drive, Belpre, Oh

TELEPHONE 614-423-9543

TELEPHONE 614-423-9543

DRILLING CONTRACTOR: (IF KNOWN)
NAME Ray Brothers

LAND OWNER:
NAME Rugh Hillcrest Farms

TELEPHONE 304-344-8393

TELEPHONE 412-676-4742

ESTIMATED DEPTH OF COMPLETED WELL: 7509'

ROTARY XX

PROPOSED GEOLOGICAL FORMATION: Queenston Shale CABLE TOOLS _____

TYPE OF WELL: OIL _____ GAS _____ COMB. XX _____ STORAGE _____ DISPOSAL _____

TYPE WASTE _____ RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING	CEMENT TO BE USED	FOR DRILLING	TO BE LEFT
20	_____	_____	_____
16	_____	<u>10'</u>	<u>None</u>
13 3/8	_____	_____	_____
11 3/4	_____	_____	_____
10 3/4	_____	_____	_____
9 5/8	_____	_____	_____
8 5/8	<u>To Surface</u>	<u>1250'</u>	<u>1250'</u>
7	_____	_____	_____
5 1/2	_____	_____	_____
4 1/2	<u>160 sacks</u>	<u>7509'</u>	<u>7509'</u>
3 1/2	_____	_____	_____
2 3/8	_____	_____	_____
LINERS USED	_____	_____	_____

APPROXIMATE DEPTHS OF EXPECTED POTABLE WATER STRATA Well above protective casing,

APPROXIMATE DEPTHS OF EXPECTED WORKABLE COAL SEAMS? 304', _____, _____,

IS COAL BEING MINED IN THE AREA? No

WAIVER: I the undersigned, Agent for _____ Coal Company, owner or operator of the coal under this lease have examined and placed on our mine maps this proposed well location.

We the _____ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

For Coal Company

Official Title

Date: March 19, 1979

Operator's Well No. 1
API Well No. 47 - 029 - 87PP
State County Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS DIVISION

AFFIDAVIT OF PLUGGING AND FILLING WELL

WELL TYPE: Oil ___ / Gas XX / Liquid Injection ___ / Waste Disposal ___ /
(If "Gas", Production XX / Underground storage ___ / Deep ___ / Shallow XX /
LOCATION: Elevation: 1293.5 Watershed: _____
District: Clay County: Hancock Quadrangle: East Liverpool South
WELL OPERATOR QUAKER STATE OIL REFG. CORP. DESIGNATED AGENT Robert C. Pingrey
Address P.O. Box 1327 Address P.O. Box 1327
Parkersburg, WV 26101 Parkersburg, WV 26101

STATE OF WEST VIRGINIA,)
COUNTY OF Wood) SS:

Michael C. Brannock and Wayne McMillan

being first duly sworn according to law, depose and say that they are experienced in the work of plugging and filling oil and gas wells; that they were employed by QUAKER STATE OIL REFG. CORP. the well operator, and participated in the work of plugging and filling the above well; that the work was commenced on March 16, 1979, and completed on March 18, 1979, in the following manner:

RECEIVED
MAR 20 1979

PERMITTED WORK: ~~Plug back~~ Plug back ~~XXXXXX~~ XX / Clean out and replug ___ /

PLUGGING MATERIALS

Type of Cement	Other Materials	Depth	Thickness
cal seal		7200'	30'

Bridge Plugs Used--Type and Depth
4 1/2" at 7200'.

VENT PIPE

MISCELLANEOUS MATERIALS

CASING LOST

TYPE OF RIG:

Owner: Well Op'r ___ / Contractor XX /
Rig time: 3 days plus ___ hours

COAL SEAMS (NAMES AND DEPTHS)

DEPT. OF MINES

DESCRIPTION OF WELL MONUMENT

4 1/2" cut off at 7200'. cal seal on top of bridge plug. Pipe cut off at 5750' and rerun to 5290'. Cemented with 250 sacks Pozmix. Re-completed in the top of the Onondaga and Devonian

Michael C. Brannock (SEAL)
Wayne McMillan (SEAL)

Subscribed and sworn to before me this

19 day of March, 1979.
My commission expires April 27, 1982.

Quincy J. Lebeck
Notary Public