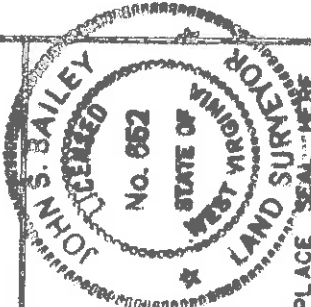


WELL REFERENCE TIES
 PEARCY NO.3 TO 32" RED OAK N 85°40' W 178.28'
 PEARCY NO.3 TO 47-017-1421P S78°39' W 154.62'

FILE NO. MSES 85-680
 DRAWN BY RVS - JSB
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 PART IN 200
 PROVEN SOURCE OF ELEVATION USGS BM 830 WINGWALL OF BRIDGE SE OF NEW MILTON

I, THE UNDERSIGNED, 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 REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.
 (SIGNED) John S. Bailey L.L.S. 652



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6
 (8-78)



Department of Mines
 Oil & Gas Division

DATE SEPTEMBER 5, 19 85
 OPERATOR'S WELL NO. PEARCY NO.3
 API WELL NO. 47-017-3477
 STATE WEST VIRGINIA COUNTY NEW MILTON PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS", PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1097.80' WATER SHED MEATHOUSE FORK TRIBUTARY OF MIDDLE ISLAND CREEK
 DISTRICT NEW MILTON COUNTY DODDRIDGE
 QUADRANGLE NEW MILTON 75 NEAREST TOWN NEW MILTON
 SURFACE OWNER EVA BELLE BLAND ET AL.
 OIL & GAS ROYALTY OWNER JAMES L. PEARCY ET AL. ACREAGE 122 LEASE ACREAGE 104

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON CLEAN OUT AND REPLUG
 TARGET FORMATION BIG IN JUN ESTIMATED DEPTH 2350' NOV 18 1985
 WELL OPERATOR QUAKER STATE OIL REFINING CORP. DESIGNATED AGENT SAMUEL F. BARBER
 ADDRESS P.O. BOX 1327 ADDRESS P.O. BOX 1327
PARKERSBURG, W.V. 26101 PARKERSBURG, W.V. 26101

PREPARED BY MSES consultants, inc. 6-6 New Milton North (14A) Clarksburg, WV

LATITUDE 39°15'00"
 LONGITUDE 80°40'00"

CODE 652 PLOT 1-12-85



WR-35

Date December 20, 1985
Operator's Well No. 3
Farm BLANCHE PEARCY
API No. 47-017-3477

State of West Virginia
DEPARTMENT OF ENERGY
Oil and Gas Division

WELL OPERATOR'S REPORT
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil XX / Gas / Liquid Injection / Waste Disposal /
(If "Gas," Production / Underground Storage / Deep / Shallow /)

LOCATION: Elevation: 1027.8' Watershed Meathouse Fork of Little Island Creek
District: New Milton County Doddridge Quadrangle New Milton 7.5'

COMPANY QUAKER STATE OIL REFINING CORPORATION

ADDRESS P.O. Box 1327; Parkersburg, WV 26101

DESIGNATED AGENT Samuel F. Barber

ADDRESS P.O. Box 1327; Parkersburg, WV 26101

SURFACE OWNER Eva Bland, et al

ADDRESS West Union, WV

MINERAL RIGHTS OWNER James L. Pearcy, et al

ADDRESS Palm Desert, CA

OIL AND GAS INSPECTOR FOR THIS WORK

M. Underwood ADDRESS Salem, WV

PERMIT ISSUED 11/12/85

DRILLING COMMENCED 12/06/85

DRILLING COMPLETED 12/09/85

IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED
ON

Casing Tubing Size	Used in Drilling	Left in Well	Cement fill up Cu. ft.
20-16 Cond.			
13-10"			
9 5/8			
8 5/8	507'	507'	135 Sx
7			
5 1/2			
4 1/2	2237'	2237'	150 Sx
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Big Injun Depth 2206 feet

Depth of completed well 2370 feet Rotary XX / Cable Tools

Water strata depth: Fresh 93 feet; Salt 1560 feet

Coal seam depths: Unknown Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Big Lime Pay zone depth 2108-2142 feet

Gas: Initial open flow Mcf/d Oil: Initial open flow 13 Bbl/d

Final open flow Mcf/d Final open flow Bbl/d

Time of open flow between initial and final tests hours

Static rock pressure psig(surface measurement) after hours shut in

(If applicable due to multiple completion--)

Second producing formation Big Lime Pay zone depth 2178-2192 feet

Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d

Final open flow Mcf/d Oil: Final open flow Bbl/d

Time of open flow between initial and final tests hours

Static rock pressure psig(surface measurement) after hours shut in

JAN 13 1986

(Continue on reverse side)

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Perforated from 2108-2142 w/ 12 holes; 2178-2192 w/ 15 holes. *Big Lime*

Frac'd w/ 400 bbls water; 24,000# 20/40 sand. Breakdown @ 2800 psi.
Treated @ 3000 psi. Avg. Rate @ 13 BPM. I.S.I.P. 2300 psi.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
Silt & shale			0	591	Including indication of all fresh and salt water, coal, oil and gas
Sand			591	620	
Silt & shale			620	896	
Sand			896	916	
Silt & shale			916	1273	
Sand			1273	1326	
Silt & shale			1326	1560	
Salt sands			1560	1651	
Sand & shale			1651	1832	
Salt sand			1832	1900	
Silt & shale			1900	2065	
Little Lime			2065	2080	
Shale			2080	2104	
Big Lime			2104	2206	
Big Injun <i>Gas</i>			2206	2262	
Silt & shale			2262	2367	
			TOTAL DEPTH		

(Attach separate sheets as necessary)

QUAKER STATE OIL REFINING CORPORATION
Jeffrey W. Hill
Well Operator

By: Jeffrey W. Hill, Geologist

Date: December 20, 1985

Note: Regulation 2.02(i) provides as follows:
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including any encountered in the drilling of a well."

