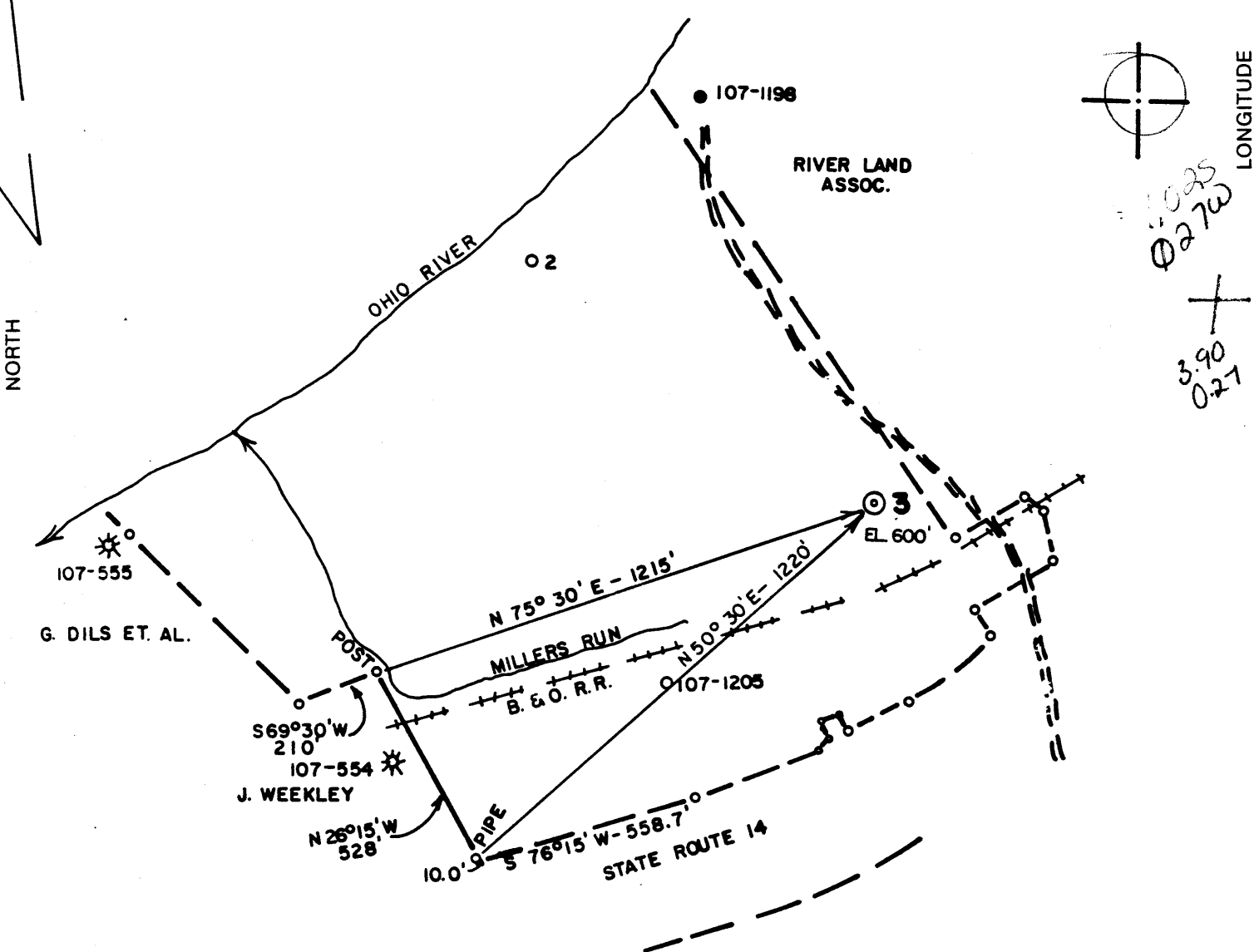
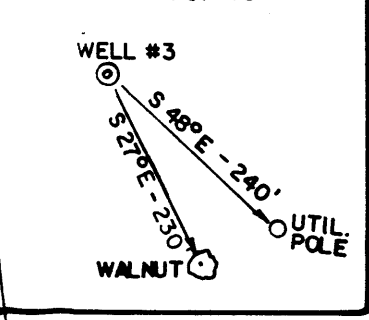


LATITUDE 39° 22' 30"
39° 25'

LONGITUDE 81° 30' 00"
5470 SOUTH



Handwritten notes: 10025, 027W, 3.90, 0.27

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. 84-338
 DRAWING NO. _____
 SCALE 1" = 400'
 MINIMUM DEGREE OF ACCURACY 1/200'
 PROVEN SOURCE OF ELEVATION B.M. 603 NEAR R.R.

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) Ed Waterman
 R.P.E. 3788 L.L.S. _____



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE 6/20, 19 84
 OPERATOR'S WELL NO. 3
 API WELL NO. _____

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW _____
 LOCATION: ELEVATION 600' WATER SHED _____ COUNTY OHIO RIVER
 DISTRICT WILLIAMS COUNTY WOOD
 QUADRANGLE PARKERSBURG 7.5' 532 Parkersburg 097 EC 6
 SURFACE OWNER D. NEALE ET. AL. ACREAGE 52
 OIL & GAS ROYALTY OWNER D. NEALE ET. AL. LEASE ACREAGE 52

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 BEREA 045 ESTIMATED DEPTH 2100' OCT 09 1984
 WELL OPERATOR BLAUSER WELL SERVICE DESIGNATED AGENT STANLEY WILSON
 ADDRESS P. O. BOX 829 MARIETTA, OH 45750 ADDRESS BIG SPRINGS, WV 26137

FORM IV-6 (8-78) H.T. HALL

COUNTY NAME PERMIT

IV-35
(Rev 8-81)

RECEIVED
MAY 9 - 1985

OIL & GAS DIVISION
DEPT. OF MINES



State of West Virginia
Department of Mines
Oil and Gas Division

Date 5-2-85
Operator's
Well No. 3
Farm D. Neale
API No. 47 - 107 - 1321

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

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

LOCATION: Elevation: 600' Watershed Ohio River
District: Williams County Wood Quadrangle Parkersburg 7.5

COMPANY Blausler Well Service, Inc.
ADDRESS P. O. Box 829 - Marietta, Ohio 45750
DESIGNATED AGENT Stanley K. Wilson
ADDRESS Rt. #1 Box 116 Big Springs, WV 26137
SURFACE OWNER D. Neale
ADDRESS Rt. #10, Box 8, Parkersburg, WV 26101
MINERAL RIGHTS OWNER Same
ADDRESS
OIL AND GAS INSPECTOR FOR THIS WORK Glen
Robinson ADDRESS
PERMIT ISSUED Oct. 2, 1984
DRILLING COMMENCED Oct. 28, 1984
DRILLING COMPLETED Nov. 1, 1984
IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED
ON N/A

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up ft.
Size 20-16 Cond.			
13-10"			
9 5/8			
8 5/8	218	218	to surf
7			
5 1/2			
4 1/2	1948	1948	500
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Berea Depth 1855 feet
Depth of completed well 1975 feet Rotary x / Cable Tools
Water strata depth: Fresh 30 feet; Salt 1351 feet
Coal seam depths: Is coal being mined in the area? no

OPEN FLOW DATA

Producing formation Berea Pay zone depth 1855 feet
Gas: Initial open flow 42 Mcf/d Oil: Initial open flow 5 Bbl/d
Final open flow 42 Mcf/d Final open flow 5 Bbl/d

Time of open flow between initial and final tests 24 hours

Static rock pressure 560 psig (surface measurement) after 72 hours shut in
(If applicable due to multiple completion--)

Second producing formation Pay zone depth 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 MAY 20 1985

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

(Continue on reverse side)

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

Perforate Berea Sand 1855 - 61' w/ 13 shots

Fracture with 200 gal. 15% HCL acid
50,000 lb. 20/40 mesh sand
11,900 lb. 10/20
in 772 bbls water

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Sand & Shale			0	500	
Shale			500	725	
Sand			725	832	
Shale			832	853	
Sand			853	940	
Shale			940	958	
Sand			958	989	
Shale			989	1046	
Sand			1046	1086	
Shale			1086	1155	
Siltstone			1155	1240	
Shale			1240	1254	
Sand			1254	1316	
Shale			1316	1352	
Big Injun			1352	1474	
Shale			1474	1822	
Coffee Shale			1822	1855	
<u>Berea</u>			1855	1861	
Devonian Shale			1861	1979 TD	

(Attach separate sheets as necessary)

Blauser Well Service, Inc.

Well Operator

By: Arnon M. Thuk Seal/Ins

Date: 5-6-85

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 coal, encountered in the drilling of a well."



1) Date: August 9, 19 84
 2) Operator's Well No. D. Neale #3
 3) API Well No. 47 - 107 - 1321
 State County Permit

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OIL AND GAS DIVISION
APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil / Gas
 B (If "Gas", Production / Underground storage Deep Shallow)
- 5) LOCATION: Elevation: 600' Watershed: Ohio River
 District: Williams County: Wood Quadrangle: Parkersburg 7.5'
- 6) WELL OPERATOR Blauser Well Service, Inc. 7) DESIGNATED AGENT Stanley K. Wilson
 Address P.O. Box 829 Address Route 1, Box 116
Marietta, OH 45750 Big Springs, WV 26137
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Glen P. Robinson Name Haight, Inc.
 Address Route 1 #6 Mt. Pleasant Estate Address 4424 Emerson Avenue
Mineralwells, WV 26150 Parkersburg, WV 26101
- 10) PROPOSED WELL WORK: Drill / Drill deeper / Redrill / Stimulate
 Plug off old formation / Perforate new formation
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Berea
- 12) Estimated depth of completed well, 2000 feet
- 13) Approximate trata depths: Fresh, 40 feet; salt, 1300 feet.
- 14) Approximate coal seam depths: N/A Is coal being mined in the area? Yes _____

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 AUG 20 1984

OIL & GAS DIVISION
 DEPT. OF MINES

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILLUP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor	16"				X	50'	50'	--	Kinds
Fresh water									
Coal									Sizes
Intermediate	7"	H-40	17#			250'	250'	250 SX	CTS. IV EAT
Production	4 1/2"	J-55	9.5	X		2000'	2000'	130 SX	
Tubing									Depths set
Liners									or as required by rule
									Perforations: 15.0'
									Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-107-1321 Date October 2, 19 84

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector, (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.

Permit expires October 2, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>BLANKET</u>	Agent: <u>lp</u>	Plat: <u>MU</u>	Casing: <u>MU</u>	Fee: <u>013-982</u>
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Margaret J. Hassel
 Administrator, Office of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.

File