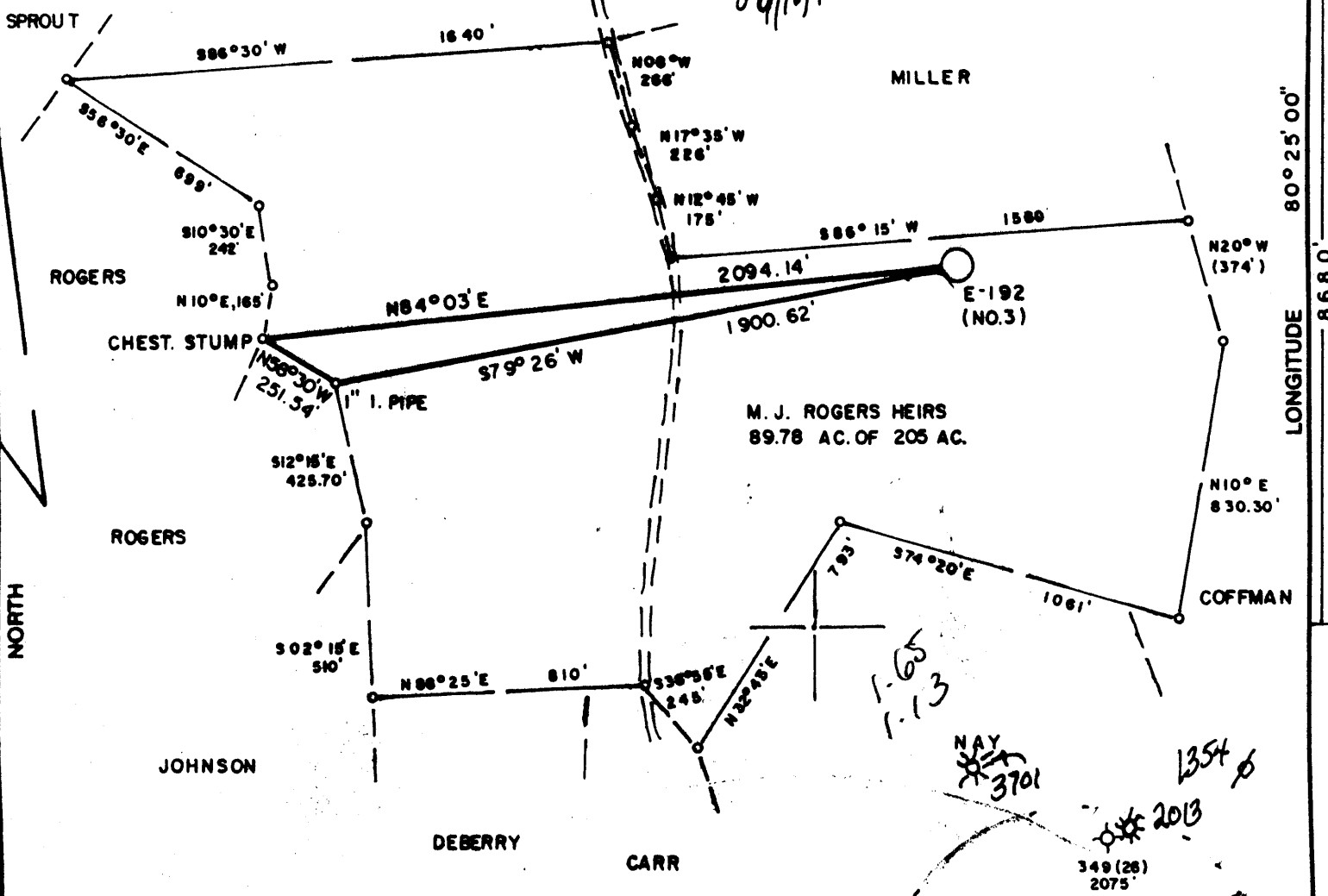


LATITUDE 39° 25' 00"

SCHEUVRONT

*Janice  
9/10/93*



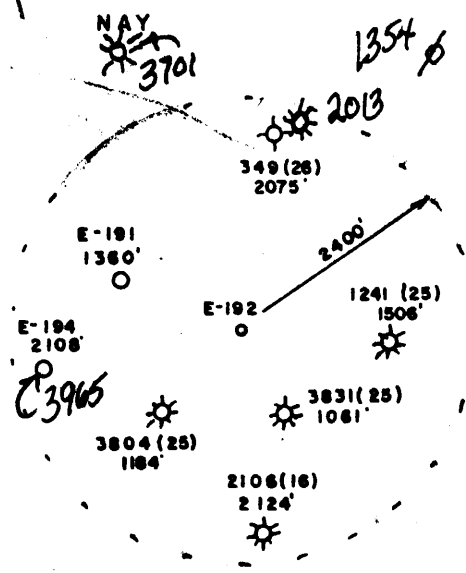
LONGITUDE 088° 52' 00"

NORTH

WELL REFERENCES:  
 N69° 30' E, 127.50' TO 8" W.OAK  
 N20° 45' E, 152' TO 6" BEECH

LAND SURVEYING SERVICES  
 21 CEDAR LANE  
 BRIDGEPORT, WV 26330  
 PHONE: 304-842-2018

*1.65  
1.13*



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

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1 in 200  
 PROVEN SOURCE OF ELEVATION RD. INTER. 3000' S. OF LOCATION ELEV. 997'

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 ENERGY.  
 (SIGNED) \_\_\_\_\_  
 R.P.E. \_\_\_\_\_ L.L.S. 674  
 STEPHEN D. LOSH



**STATE OF WEST VIRGINIA**  
 DEPARTMENT OF ENERGY  
 OIL AND GAS DIVISION



DATE DECEMBER 11, 19 91  
 OPERATOR'S WELL NO. E-192  
 API WELL NO. M.J. ROGERS NO. 3  
47-033-3971  
 STATE COUNTY PERMIT

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS,") PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION 1239' WATERSHED CALDWELL RUN  
 DISTRICT SARDIS COUNTY HARRISON  
 QUADRANGLE WALLACE 7.5 min. *Clark WC*  
 SURFACE OWNER ETHEL L. ROBINSON ACREAGE 35.61  
 OIL & GAS ROYALTY OWNER M. J. ROGERS HEIRS LEASE ACREAGE 205  
 LEASE NO. \_\_\_\_\_

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 BALLTOWN ESTIMATED DEPTH 3950'  
 OPERATOR EXPLORATION PARTNERS PRODUCING CO. DESIGNATED AGENT LOUIS A. FERRARI  
 ADDRESS P.O. BOX 1245 ADDRESS P.O. BOX 1245  
BRIDGEPORT, WV 26330 BRIDGEPORT, WV 26330

SEP 16 1993

COUNTY NAME PERMIT

State of West Virginia  
Division of Environmental Protection  
Section of Oil and Gas

WV 0 9 93

Permitting  
Office of Oil & Gas

Well Operator's Report of Well Work

Farm name: ROBINSON, SHELBY & ETHEL Operator Well No.: ROGERS #3-E-192

LOCATION: Elevation: 1,239.00 Quadrangle: WALLACE

District: SARDIS County: HARRISON  
Latitude: 8680 Feet South of 39 Deg. 25Min. Sec.  
Longitude 6010 Feet West of 80 Deg. 25 Min. Sec.

Company: EXPLORATION PARTNERS PROD  
P. O. BOX 1245  
BRIDGEPORT, WV 26330-1245

Agent: LOUIS A. FERRARI

Inspector: TIM BENNETT  
Permit Issued: 09/13/93  
Well work Commenced: 10/25/93  
Well work Completed: 10/30/93  
Verbal Plugging  
Permission granted on:  
Rotary x Cable Rig  
Total Depth (feet) 5070 DTD  
Fresh water depths (ft) 100, 486  
Salt water depths (ft) N/A  
Is coal being mined in area (Y/N)? N  
Coal Depths (ft): 79-81, 485-495

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
13 3/8"	37'		
9 5/8"	691'	691'	225 sks
4 1/2"	3896'	3896'	560 sks

OPEN FLOW DATA

Producing formation Balltown, Speechley, Warren Pay zone depth (ft) 3264-3762  
Gas: Initial open flow show MCF/d Oil: Initial open flow N/A Bbl/d  
Final open flow 411 MCF/d Final open flow N/A Bbl/d  
Time of open flow between initial and final tests 18 Hours  
Static rock Pressure 340 psig (surface pressure) after 24 Hours

Second producing formation Gordon, 5th, 50', Injun Pay zone depth (ft) 1848-2817  
Gas: Initial open flow show MCF/d Oil: Initial open flow N/A Bbl/d  
Final open flow commingled MCF/d Final open flow N/A Bbl/d  
Time of open flow between initial and final tests 18 Hours  
Static rock Pressure commingled psig (surface pressure) after 24 Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Reviewed TM6  
Recorded \_\_\_\_\_

For: EXPLORATION PARTNERS PRODUCING CO.  
By: Louis A. Ferrari Louis A. Ferrari  
Date: November 3, 1993

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

Stage I. (3726-3762) 20 holes, 500 gal 15% HCL, 350 sks sand, 520 BBL 75Q N2 foam  
 Stage II. (3264-3438) 13 holes, 500 gal 15% HCL, 200 sks sand, 400 BBL 75Q N2 foam  
 Stage III. (2491-2817) 23 holes, 750 gal 15% HCL, 250 sks sand, 485 BBL 75Q N2 foam  
 Stage IV. (1848-1925) 16 holes, 500 gal 15% HCL, 200 sks sand, 370 BBL 75Q N2 foam

WELL LOG

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal and gas
Sand	0	79	
Coal	79	81	
Sand & Shale	81	198	Damp @ 100'
Red Rock	198	216	
Sand & Shale	216	293	
Sand	293	485	
Coal	485	495	3-4" H2O @ 486
Shale	495	524	
Sand	524	1238	
Sand & Shale	1238	1660	
Red Rock	1660	1670	
Maxton	1670	1770	
Big Lime	1770	1830	
Big Injun	1830	1970	
Shale	1970	2404	
50' Sand	2404	2495	
Sand & Shale	2495	2610	
Gordon	2610	2690	Gas show
Shale	2690	3344	
Speechely	3344	3441	Gas show
Shale	3441	3730	
Balltown	3730	3770	Gas show
Shale	3770	4880	
Benson	4880	4900	Gas show
Shale	4900	5070	DTD

17877

DF - 424

DET. 435

RECEIVED  
WV Dept. of  
Environmental Protection

033-3971  
Issued 9/13/93  
Page of  
Expires 9/13/95

FORM WW-2B

AUG 27 93

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS  
Office of Oil & Gas  
WELL WORK PERMIT APPLICATION

- 1) Well Operator: Exploration Partners Producing Company 16585 (7) 655
- 2) Operator's Well Number: E-192, M.J. Rogers #3 3) Elevation: 1239
- 4) Well type: (a) Oil   / or Gas x/  
(b) If Gas: Production x/ Underground Storage   /  
Deep   / Shallow x/
- 5) Proposed Target Formation(s): Balltown
- 6) Proposed Total Depth: 3950 feet
- 7) Approximate fresh water strata depths: 75, 297, 335
- 8) Approximate salt water depths: N/A
- 9) Approximate coal seam depths: 260, 300, 350
- 10) Does land contain coal seams tributary to active mine? Yes   / No x/
- 11) Proposed Well Work: Drill & Stimulate *New Well*
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor	9 5/8"			30		
Fresh Water						<i>3805R/8-11.3</i>
Coal						<i>3805R/8-11.22</i>
Intermediate	7"		17	1218	1218	185
Production	4 1/2"	J-55	10.5	3943	3943	335 sks
Tubing						<i>3805R/8-11.1</i>
Liners						

PACKERS : Kind \_\_\_\_\_  
Sizes \_\_\_\_\_  
Depths set \_\_\_\_\_

For Division of Oil and Gas Use Only

Fee(s) paid:  Well Work Permit  Reclamation Fund  WPCP  
 Plat  WW-9  WW-2B  Bond Blanket Agent  
(Type)

17877

1) Date: August 13, 1993  
2) Operator's well number  
E-192, M.J. Rogers #3  
3) API Well No: 47 - 033 - 3971  
State - County - Permit

Permitting  
STATE OF WEST VIRGINIA  
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- |  |   |
|--|---|
| <p>4) Surface Owner(s) to be served:</p> <p>(a) Name <u>Shelby &amp; Ethel Robinson</u><br/>Address <u>Rt. 1, Box 100-A 38</u><br/><u>Lumberport, WV 26386</u></p> <p>(b) Name _____<br/>Address _____</p> <p>(c) Name _____<br/>Address _____</p> | <p>5) (a) Coal Operator:</p> <p>Name <u>N/A</u><br/>Address _____</p> <p>(b) Coal Owner(s) with Declaration</p> <p>Name <u>N/A</u><br/>Address _____</p> <p>Name _____<br/>Address _____</p> <p>(c) Coal Lessee with Declaration</p> <p>Name <u>N/A</u><br/>Address _____</p> |
| <p>6) Inspector <u>Tim Bennett</u><br/>Address <u>737 Karl St.</u><br/><u>Weston, WV 26452</u><br/>Telephone (304)- <u>269-6167</u></p>  |   |

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

         Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR  
  x   Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through          on the above named parties, by:

- Personal Service (Affidavit attached)
- x   Certified Mail (Postmarked postal receipt attached)
- Publication (Notice of Publication attached)

INSTRUCTIONS TO SURFACE OWNERS NAMED ABOVE

(Continued on Reverse)

The well operator named below is applying for a permit from the State to do oil or gas well work. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22B of the West Virginia Code. Well work permits are valid for 24 months.

Well Operator Exploration Partners Producing Company  
By: *Louis A. Ferrari* Louis A. Ferrari  
Its: Vice President  
Address P.O. Box 1245  
Bridgeport, WV 26330  
Telephone 304-842-8777

Subscribed and sworn before me this 13th day of August, 1993

*Ruth Ann Rigdon* Ruth Ann Rigdon Notary Public  
My commission expires July 29, 2002