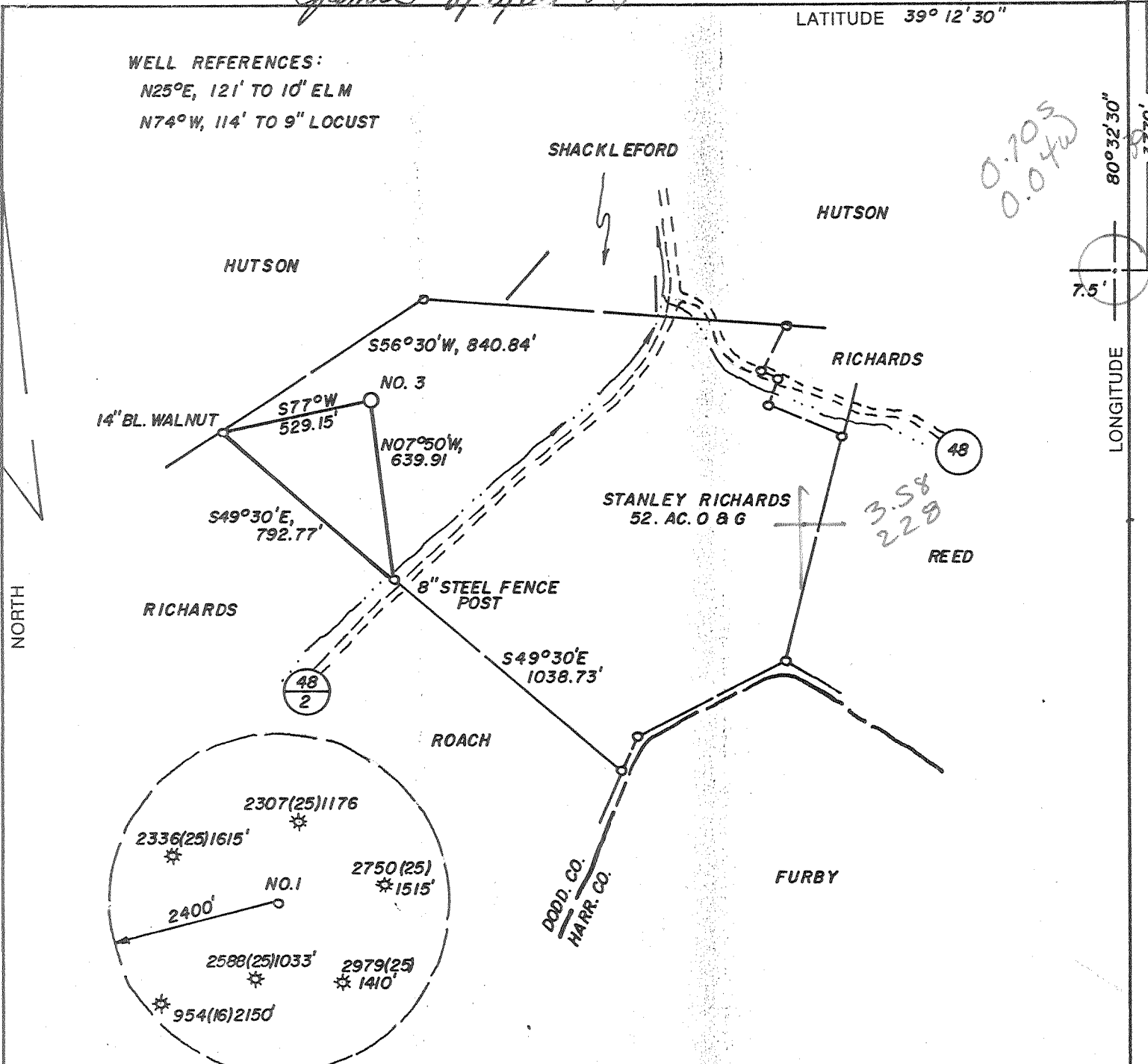


*Jamie 8/8/88*

15 215

LATITUDE 39° 12' 30"

WELL REFERENCES:  
 N25°E, 121' TO 10' ELM  
 N74°W, 114' TO 9" LOCUST

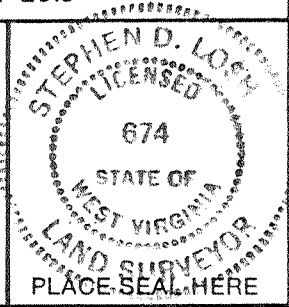


LAND SURVEYING SERVICES  
 21 CEDAR LANE  
 BRIDGEPORT, WV 26330  
 PHONE: 304-842-2018

(+) 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 BM 1175' NE. OF LOC.  
 AT ELEV. 985'

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) *[Signature]*  
 R.P.E. \_\_\_\_\_ L.L.S. NO. 674  
 STEPHEN D. LOSH



STATE OF WEST VIRGINIA  
 DEPARTMENT OF ENERGY  
 OIL AND GAS DIVISION



DATE JULY 21, 19 88  
 OPERATOR'S WELL NO. S-737  
 API WELL NO. RICHARDS 3

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
 LOCATION: ELEVATION 1237' WATER SHED LAUREL RUN  
 DISTRICT GREENBRIER 4 COUNTY DODDRIDGE  
 QUADRANGLE BIG ISAAC 7.5' 252 1233 VADIS NE  
 SURFACE OWNER EDWARD H. DAVIS ACREAGE 27.  
 OIL & GAS ROYALTY OWNER STANLEY RICHARDS LEASE ACREAGE 52.  
 LEASE NO. \_\_\_\_\_

PROPOSED WORK: DRILL X 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 ALEXANDER ESTIMATED DEPTH 5350'  
 WELL OPERATOR SCOTT OIL CO. DESIGNATED AGENT DARREL WRIGHT  
 ADDRESS P. O. BOX 112 ADDRESS P. O. BOX 112  
 SALEM, WV 26426 SALEM, WV 26426

AUG 12 1988

6-6 Big Isaac (147)

FORM WW-6  
 H.T. HALL 48673

LONGITUDE 80° 32' 30" 3770'

COUNTY NAME

PERMIT

State of West Virginia  
DEPARTMENT OF ENERGY  
Division of Oil and Gas

Well Operator's Report of Well Work

Farm name: DAVIS, EDWARD H. Operator Well No.: RICHARDS 3-9737

LOCATION: Elevation: 1237.00 Quadrangle: BIG ISAAC

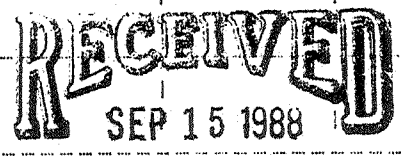
District: GREENBRIER County: DODDRIDGE  
Latitude: 3770 Feet South of 39 Des. 12Min. 30 Sec.  
Longitude: 215 Feet West of 80 Des. 32 Min. 30 Sec.

Company: SCOTT OIL CO.  
P. O. BOX 8  
GREENWOOD, VA

Agent: JOHN T. HASKINS

Inspector: MIKE UNDERWOOD  
Permit Issued: 08/10/88  
Well work Commenced: 8/25/88  
Well work Completed: 8/30/88  
Verbal Plugging  
Permission granted on:  
Rotary  Cable  Rig  
Total Depth (feet) 5426  
Fresh water depths (ft) 350  
Salt water depths (ft)  
Is coal being mined in area (Y/N)? N  
Coal Depths (ft): 8-11'

Casings & Tubing Size	Used in Drilling	Left in Well	Cement (Fill Up) Cu. Ft.
11 3/4	30		
8 5/8		867'	to surface
4 1/2		5387	425 sks



DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

OPEN FLOW DATA

Producing formation Benson, Alexander Pay zone depth (ft) \_\_\_\_\_  
 Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
 Final open flow 444 MCF/d Final open flow \_\_\_\_\_ Bbl/d  
 Time of open flow between initial and final tests \_\_\_\_\_ Hours  
 Static rock Pressure 1450 psig (surface pressure) after \_\_\_\_\_ Hours

Second producing formation \_\_\_\_\_ Pay zone depth (ft) \_\_\_\_\_  
 Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ 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 pressure) after \_\_\_\_\_ 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 WELLSBORE.

For: SCOTT OIL CO. *Daniel Wright*

By: \_\_\_\_\_  
Date: 9/14/88 SEP 19 1988

Alexander 5275-5287  
 Benson 4925-4932

Sand 20/40 50,000#  
 80/100 5,000#

Fill	0	8
Coal	8	11
Sand & Shale	11	710
Red Rock	710	765
Sand & Shale	765	1962
Little Lime	1962	1987
Sand & Shale	1987	2008
Big Lime	2008	2047
Big Injun	2047	2166
Sand & Shale	2166	2670
Sand	2670	2742
Sand & Shale	2742	4920
Sand	4920	4938
Sand & Shale	4938	5274
Sand	5274	5340
Sand & Shale	5340	5426

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 SEP 15 1988

DIVISION OF OIL & GAS  
 DEPARTMENT OF ENERGY

Gamma Ray

Big Lime	2008	2047
Big Injun	2047	2166
Gordon	2670	2742
Benson	4920	4938
Alexander	5274	5340

7523

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS  
WELL WORK PERMIT APPLICATION

- 1) Well Operator: Scott Oil Company *44315, 4, 252*
- 2) Operator's Well Number: S-737 Stanley Richards #3 3) Elevation: 1237
- 4) Well type: (a) Oil    / or Gas X /  
(b) If Gas: Production X / Underground Storage    /  
Deep    / Shallow
- 5) Proposed Target Formation(s): Alexander
- 6) Proposed Total Depth: 5350 Feet
- 7) Approximate fresh water strata depths: 181, 314, 470'
- 8) Approximate salt water depths: 1209
- 9) Approximate coal seam depths: 274-278-346-350, 594-597, 657-663
- 10) Does land contain coal seams tributary to active mine? Yes    / No X /
- 11) Proposed Well Work: Dull & 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	11 3/4			30		
Fresh Water						
Coal						38CSR18-11.3 38CSR18-11.2
Intermediate	8 5/8				825	to surface
Production	4 1/2				5400	38CSR18-11.1 300 sks
Tubing						
Liners						

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

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For Division of Oil and Gas Use Only

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

Fee(s) paid:    Well Work Permit    Reclamation Fund    WPCP  
   Plat    WW-9    WW-2B    Bond 50 blanked    Agent

7523

*1453*  
*25*  
*[Signature]*

*[Signature]*  
*[Signature]*

*[Signature]*  
*[Signature]*

*[Signature]*  
*[Signature]*

**RECEIVED**  
AUG 03 1988

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

Date: July 29, 1988  
Operator's well number  
S-737 Stanley Richards #3  
API Well No: 47 - 017 - 3665  
State - County - Permit

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

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface Owner(s) to be served:  
(a) Name Edward H. Davis  
Address Route 3, Box 77  
Salem, WV 26426  
(b) Name \_\_\_\_\_  
Address \_\_\_\_\_  
(c) Name \_\_\_\_\_  
Address \_\_\_\_\_  
6) Inspector Mike Underwood  
Address Route 2  
Salem, WV 26426  
Telephone (304) - 782-1043

5) (a) Coal Operator:  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
(b) Coal Owner(s) with Declaration  
Name Willis Tetrick  
Address Union National Center  
Clarksburg, WV 26301  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
(c) Coal Lessee with Declaration  
Name \_\_\_\_\_  
Address \_\_\_\_\_

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  
\_\_\_\_\_ 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)

I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.  
I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.  
Well Operator Scott Oil Company  
By: \_\_\_\_\_  
Its: Agent  
Address P. O. Box 112  
Salem, WV 26426  
Telephone 304-623-9600

Subscribed and sworn before me this 29th day of July, 1988

Roger Zinn Notary Public  
My commission expires April 23, 1993