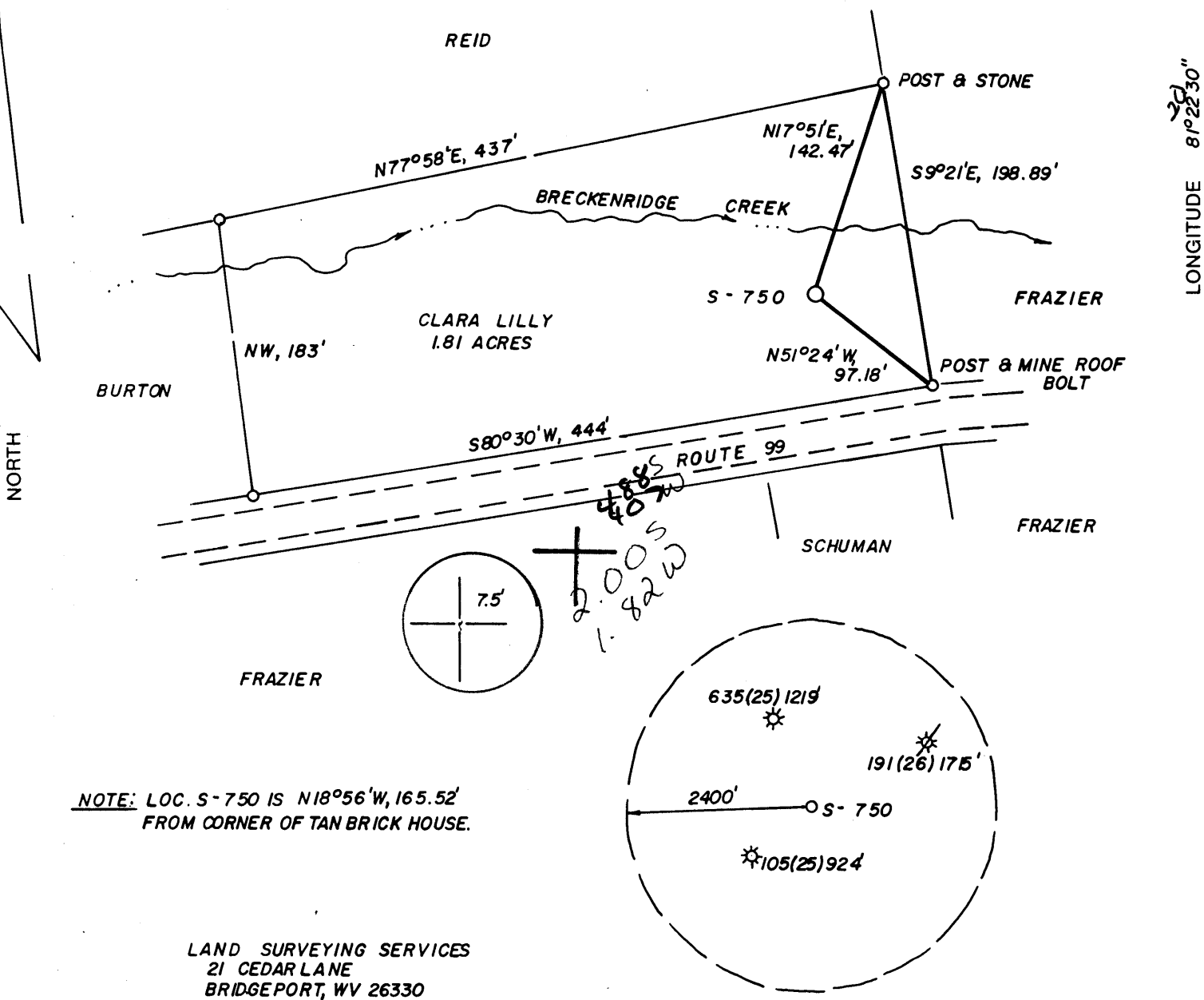


June 12/13/88

WELL REFERENCES:

N18°E, 142.50' TO POST
S51°30'E, 97' TO POST



LONGITUDE 81° 22' 30"

NORTH

NOTE: LOC. S-750 IS N18°56'W, 165.52' FROM CORNER OF TAN BRICK HOUSE.

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" = 100'
 MINIMUM DEGREE OF ACCURACY 1 IN 2500
 PROVEN SOURCE OF ELEVATION B. M. 302.50' EAST OF LOC. AT ELEV. 1982

CO: 081 PMT: 843
 TR Loc Digitized from OGIS 7.5' Mylar
 KM QUAD: 218 DATE: 22-MAY-90
 IN LAT: 37 47.5 Miles South: 1.99
 LA LONG: 81 22.5 Miles West: 1.84
 (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 DEC. 12, 19 88
 OPERATOR'S WELL NO. S-750
 API WELL NO. C. LILLY
47-081-0843
 STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1979' WATERSHED BRECKENRIDGE CREEK
 DISTRICT TRAP HILL 7 COUNTY RALEIGH
 QUADRANGLE ARNETT 7.5' 218 036 8 & cetera SC
 SURFACE OWNER CLARA A. LILLY ACREAGE 1.81
 OIL & GAS ROYALTY OWNER CLARA A. LILLY LEASE ACREAGE 1.81
 LEASE NO. 2059

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 WEIR ESTIMATED DEPTH 3250'
 WELL OPERATOR SCOTT OIL CO. DESIGNATED AGENT DARREL WRIGHT
 ADDRESS P.O. BOX 112 ADDRESS P.O. BOX 112
SALEM, WV 26426 774 SALEM, WV 26426

FORM WW-6 H.T. HALL 48673

COUNTY NAME PERMIT

DEC 16 1988

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

Well Operator's Report of Well Work

Farm name: LILLY, CLARA

Operator Well No.: S-750

LOCATION: Elevation: 1979.00 Quadrangle: ARNETT

District: TRAP HILL County: RALEIGH
Latitude: 10630 Feet South of 37 Deg. 47Min. 30 Sec.
Longitude 9785 Feet West of 81 Deg. 22 Min. 30 Sec.

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

Agent: JOHN T. HASKINS

Inspector: RODNEY G. DILLON
Permit Issued: 12/13/88
Well work Commenced: 12/16/88
Well work Completed: 12/22/88
Verbal Plugging _____
Permission granted on: _____
Rotary x Cable _____ Rig _____
Total Depth (feet) 3250
Fresh water depths (ft) _____
30, 105
Salt water depths (ft) _____
2093
Is coal being mined in area (Y/N)? n
Coal Depths (ft): _____

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
11 3/4	42'		
8 5/8		1019	to surface
4 1/2		3204	300 sks

OPEN FLOW DATA

Producing formation Weir, Ravencliff Pay zone depth (ft) _____
 Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/c
 Final open flow 327 MCF/d Final open flow _____ Bbl/c
 Time of open flow between initial and final tests _____ Hours
 Static rock Pressure 530 psig (surface pressure) after _____ Hours

Second producing formation _____ Pay zone depth (ft) _____
 Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/c
 Final open flow _____ MCF/d Final open flow _____ Bbl/c
 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. Darrel Wright
By: Darrel Wright, Agent
Date: 1/3/89

RECEIVED
Division of Energy
FEB 04 91
Permitting
Oil and Gas Section

RECEIVED
JAN 30 91
Division of Energy
Oil and Gas Section

Weir Sand 20/40 60,000#

Ravencliff Sand 20/40 50,000#

5000 gallon 28% HCL

Top Soil	0	12
Sand & Shale	12	158
Coal	158	161
Sand	161	185
Coal	185	189
Sand & Shale	189	1120
Coal	1120	1125
Sand & Shale	1125	1510
Sand	1510	1555
Avis Lime	1555	1592
Sand & Shald	1592	1970
Sand	1970	2120
Sand & Shale	2120	2475
Big Lime	2475	2914
Sand & Shale	2914	3044
Sand	3044	3110
Sand & Shale	1110	3250 TD

Gamma Ray

Ravencliff	1510	1555
Avis Lime	1555	1592
Maxton	1970	2120
Big Lime	2475	2914
Weir	3044	3110

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

- 1) Well Operator: Scott Oil Company *44315, 7, 218*
- 2) Operator's Well Number: S-750 Clara Lilly 3) Elevation: 1979
- 4) Well type: (a) Oil / or Gas /
 (b) If Gas: Production / Underground Storage /
 Deep / Shallow /
- 5) Proposed Target Formation(s): Weir *387*
- 6) Proposed Total Depth: 3250 feet
- 7) Approximate fresh water strata depths: 219' - 775'
- 8) Approximate salt water depths: OK *916' - 919' cond.*
- 9) Approximate coal seam depths: OK *542' - 547' 743' - 746'*
- 10) Does land contain coal seams tributary to active mine? Yes / No /
- 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						<i>385R18-11.3</i>
Intermediate	8 5/8				1000'	<i>385R18-11.22</i>
Production	4 1/2				3250'	<i>to surface</i> <i>385R18-11.1</i> <i>300 sks</i>
Tubing						
Liners						

RECEIVED
 DEC 08 1988

PACKERS : Kind _____
 Sizes _____
 Depths set _____

DIVISION OF OIL & GAS
 DEPARTMENT OF ENERGY

For Division of Oil and Gas Use Only

8/10
1709
HO
 Fee(s) paid: Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-2B Bond *50 Blanket* Agent

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DEC 08 1988

Page 1 of
Form WW2-A
(09/87)
File Copy

**DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY**

1) Date: December 7, 1988
2) Operator's well number
S-750 Clara Lilly
3) API Well No: 47 - 081 - 0843
State - County - Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION 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>Clara Lilly</u>
Address <u>Box 124</u>
<u>Bolt, WV 25817</u></p> <p>(b) Name _____
Address _____</p> <p>(c) Name _____
Address _____</p> | <p>5) (a) Coal Operator:</p> <p>Name _____
Address _____</p> <p>(b) Coal Owner(s) with Declaration
Name <u>no coal of record</u>
Address _____</p> <p>Name _____
Address _____</p> <p>(c) Coal Lessee with Declaration
Name _____
Address _____</p> |
| <p>6) Inspector <u>Rodney Dillon</u>
Address <u>Sophia, WV 25921</u>

Telephone (304)- <u>683-3989</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)
- _____ 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: [Signature]
Its: Agent
Address P. O. Box 112
Salem, WV 26426
Telephone 304-623-9600

Subscribed and sworn before me this 7th day of December, 19 88

Roger Zinn Notary Public
My commission expires April 23, 1993