



LAND SURVEYING SERVICES  
21 CEDAR LANE  
BRIDGEPORT, WV 26330  
PHONE: 304-642-2018

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

FILE NO. \_\_\_\_\_  
DRAWING NO. \_\_\_\_\_  
SCALE 1" = 200'  
MINIMUM DEGREE OF ACCURACY 1 in 200  
PROVEN SOURCE OF ELEVATION RD. INTER. 900' N.E. OF LOCATION ELEV. 1018

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. 674  
STEPHEN D. LOSH



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

DATE APRIL 15, 1987  
OPERATOR'S WELL NO. S-654  
API WELL NO. 47-041-3808 DENT NO. 1  
STATE COUNTY PERMIT

WELL TYPE: OIL \_\_\_ GAS \_\_\_ LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
(IF "GAS,") PRODUCTION \_\_\_ STORAGE \_\_\_ DEEP \_\_\_ SHALLOW \_\_\_  
LOCATION: ELEVATION 1149' WATERSHED GEEICK RUN  
DISTRICT FREEMANS CREEK 3 COUNTY LEWIS  
QUADRANGLE WESTON 7.5 min. 620 132 W 47

SURFACE OWNER AMY B. DENT, ET AL. ACREAGE 13.03  
OIL & GAS ROYALTY OWNER AMY B. DENT, ET AL. LEASE ACREAGE 15  
LEASE NO. 404

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 ELK / BENSON ESTIMATED DEPTH 6200'  
WELL OPERATOR SCOTT OIL COMPANY DESIGNATED AGENT DARREL WRIGHT  
ADDRESS P.O. BOX 112 774 ADDRESS P.O. BOX 112  
SALEM, WV 26426 SALEM, WV 26426

MAY 18 1987

FORM WW-6 H.T. HALL 4-873

COUNTY NAME PERMIT

6-6 Murphy Creek (Freemansburg) (150)



IV-35  
(Rev 8-81)

Date July 27, 1987  
Operator's  
Well No. S-654  
Farm Amy Dent  
API No. 47 - 041 - 3808

**RECEIVED**  
OCT 14 1987

State of West Virginia  
Department of Mines  
Oil and Gas Division

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY  
WELL OPERATOR'S REPORT  
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

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

LOCATION: Elevation: 1149 Watershed Gee Lick  
District: Freemans Creek County Lewis Quadrangle Weston 7.5

COMPANY Scott Oil Company

ADDRESS P. O. Box 112, Salem, WV 26426

DESIGNATED AGENT Darrel Wright

ADDRESS P. O. Box 112, Salem, WV 26426

SURFACE OWNER Amy Dent et al

ADDRESS Route 1, Box 730 Belington WV 26250

MINERAL RIGHTS OWNER same

ADDRESS \_\_\_\_\_

OIL AND GAS INSPECTOR FOR THIS WORK Stephen Casey

ADDRESS Rt. 2, Jane Lew, WV

PERMIT ISSUED 5/11/87

DRILLING COMMENCED 7/16/87

DRILLING COMPLETED 7/21/87

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

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"	30'		
9 5/8			
8 5/8		932	320 sks
7			
5 1/2			
4 1/2		5891	600 sks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Elk Benson Depth 6200 feet

Depth of completed well 5980 feet Rotary  / Cable Tools \_\_\_\_\_

Water strata depth: Fresh 170,234 feet; Salt \_\_\_\_\_ feet

Coal seam depths: 600 Is coal being mined in the area? no

OPEN FLOW DATA

Producing formation Elk Pay zone depth 5874 feet

Gas: Initial open flow none Mcf/d Oil: Initial open flow \_\_\_\_\_ Bbl/d

Final open flow none 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 Balltown Pay zone depth 3050 feet

Gas: Initial open flow none Mcf/d Oil: Initial open flow \_\_\_\_\_ Bbl/d

Final open flow 969 Mcf/d Oil: Final open flow \_\_\_\_\_ Bbl/d

Time of open flow between initial and final tests \_\_\_\_\_ hours

Static rock pressure 1475 psig (surface measurement) after 72 hours shut in

OCT 26 1987

(Continue on reverse side)

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

Elk 20,000# 20/40 sand 500 bbl  
Balltown 35,000# 20/40 sand 800 bbl

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OCT 14 1987

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all and salt water, coal, oil a
3rd Shale					
Sand/Shale			0	252	
White Sand			252	345	damp @ 170'
Sand/Shale			346	600	1/2" H <sub>2</sub> O @ 234
Coal			600	605	
Sand/Shale			605	1190	
Red Rock			1190	1209	
Sand/shale			1209	1222	
Red Rock			1222	1237	
Sand/shale			1237	1299	
Big Lime			1299	1390	
Sand/shale			1390	4190	
Benson			4190	4210	
Sand/shale			4210	5980 TD	
				3rd tier @ TD	
Gamma Ray					
Big Lime			1306	1384	
Big Injun			1384	1472	
5th Sand			2150	2180	
Balltown			3050	3125	
Benson			4186	4206	
2nd Elk			5475	5544	
3rd Elk			5756	5874	

(Attach separate sheets as necessary)

Scott Oil Company  
Well Operator

By: John T. [Signature]

Date: 7/27/87

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."  
178

(Obverse)  
7/85

**RECEIVED**  
APR 24 1987



1) Date: April 21, 19 87  
 2) Operator's Well No. S-654 Amy Dent  
 3) API Well No. 47 041 3808  
 State County Permit

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

- 4) WELL TYPE: A Oil  / Gas  /  
 B (If "Gas", Production  / Underground storage  / Deep  / Shallow )
- 5) LOCATION: Elevation: 1149 Watershed: Geelick Run  
 District: Freemans Creek County: Lewis 041 Quadrangle: Weston 7.5 669
- 6) WELL OPERATOR Scott Oil Co. CODE: 44315 7) DESIGNATED AGENT Darrel Wright  
 Address P. O. Box 112 Address P. O. Box 112  
Salem, WV 26426 Salem, WV 26426
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:  
 Name Stephen Casey Name \_\_\_\_\_  
 Address Route 2 Address \_\_\_\_\_  
Jane Lew, WV
- 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, Elk/Benson
- 12) Estimated depth of completed well, 6200 feet
- 13) Approximate strata depths: Fresh, \_\_\_\_\_ feet; salt, \_\_\_\_\_ feet.
- 14) Approximate coal seam depths: \_\_\_\_\_ Is coal being mined in the area? Yes  / No

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS	
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well			
Conductor	11 3/4					30'			Kinds	
Fresh water										
Coal									Sizes	
Intermediate	8 5/8						900	to surface	Per Rule 15.05	
Production	4 1/2						6150	500 sks	Depths set	
Tubing									Perforations:	
Liners									Top Bottom	

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-041-3808 Date May 11 19 87

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 May 11, 1989 unless well work is commenced prior to that date and prosecuted with due diligence.

10016

Bond: <input checked="" type="checkbox"/>	Agent: <input checked="" type="checkbox"/>	Plat: <u>AS</u>	Casing: <u>AS</u>	Fee: <u>1001</u> <u>197</u>	WBCT: <u>AS</u>	S&F: <u>18</u>	Other: _____
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*[Signature]*  
 Director, Division of Oil and Gas