

# UNDERWOOD LEASE

LATITUDE 39°22'30"

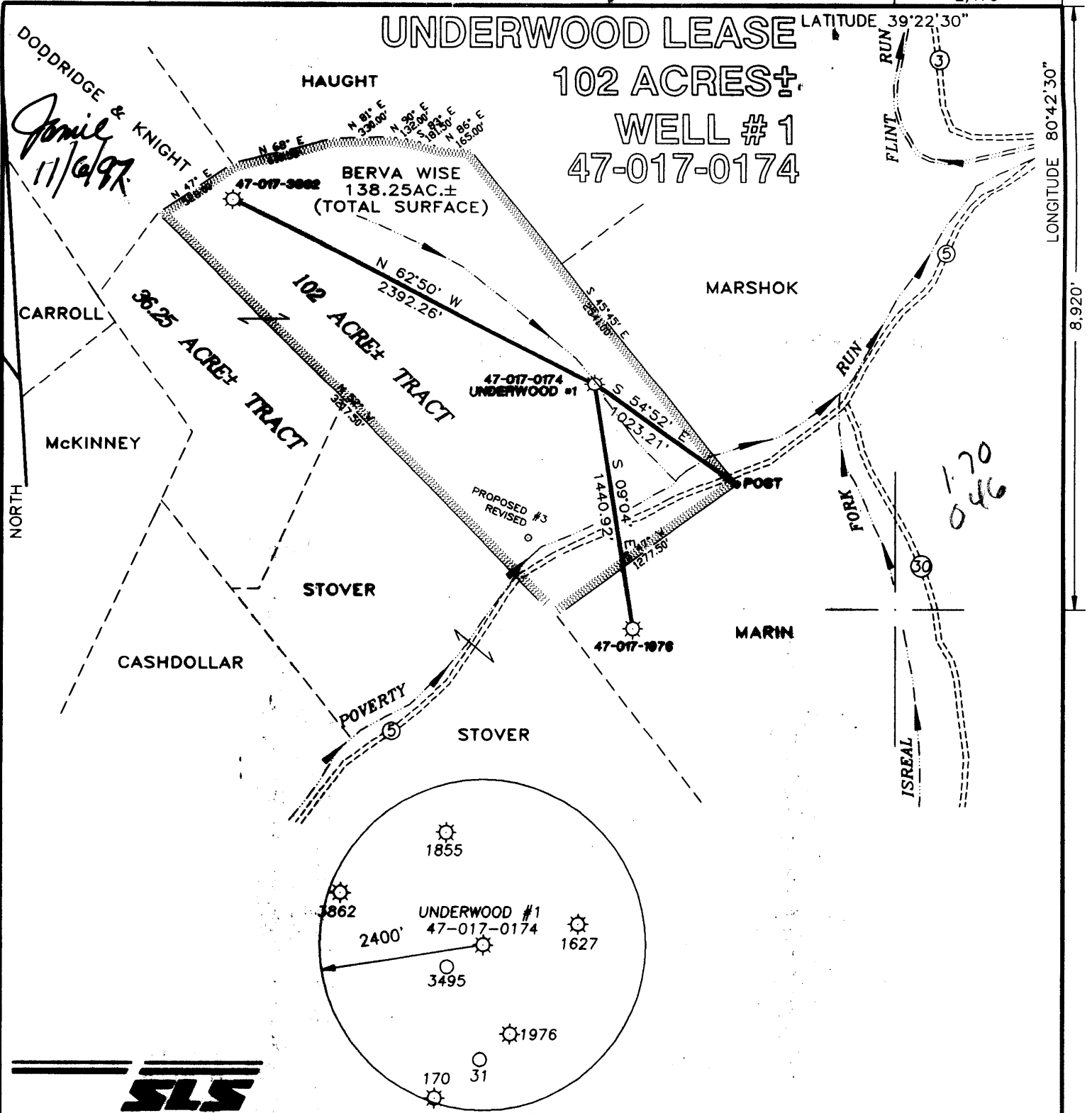
## 102 ACRES±

### WELL # 1

### 47-017-0174

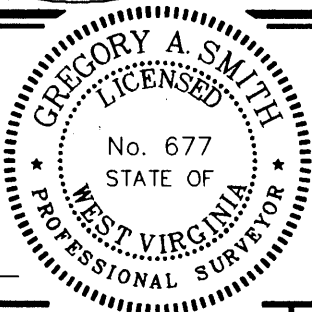
LONGITUDE 80°42'30"

8,920'



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.

P.S. 677 Gregory A. Smith



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

DATE SEPTEMBER 23, 19 97

OPERATORS WELL NO. UNDERWOOD # 1

API WELL NO. 47-017 00174P  
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 2392P1 (61-45)  
PROVEN SOURCE OF ELEVATION JUNCTION OF ROADS ELEVATION 792' SCALE 1" = 800'

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



WELL TYPE : OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  IF "GAS" PRODUCTION  STORAGE  DEEP  SHALLOW

LOCATION : ELEVATION 868' WATERSHED POVERTY RUN  
DISTRICT GRANT COUNTY DODDRIDGE QUADRANGLE SMITHBURG 7.5'

SURFACE OWNER BERVA WISE ACREAGE 138.25  
ROYALTY OWNER F.H. UNDERWOOD LEASE ACREAGE 102

PROPOSED WORK : LEASE NO. \_\_\_\_\_  
DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD

FORMATION  PERFORATE NEW FORMATION  PLUG AND ABANDON  CLEAN OUT AND REPLUG  OTHER

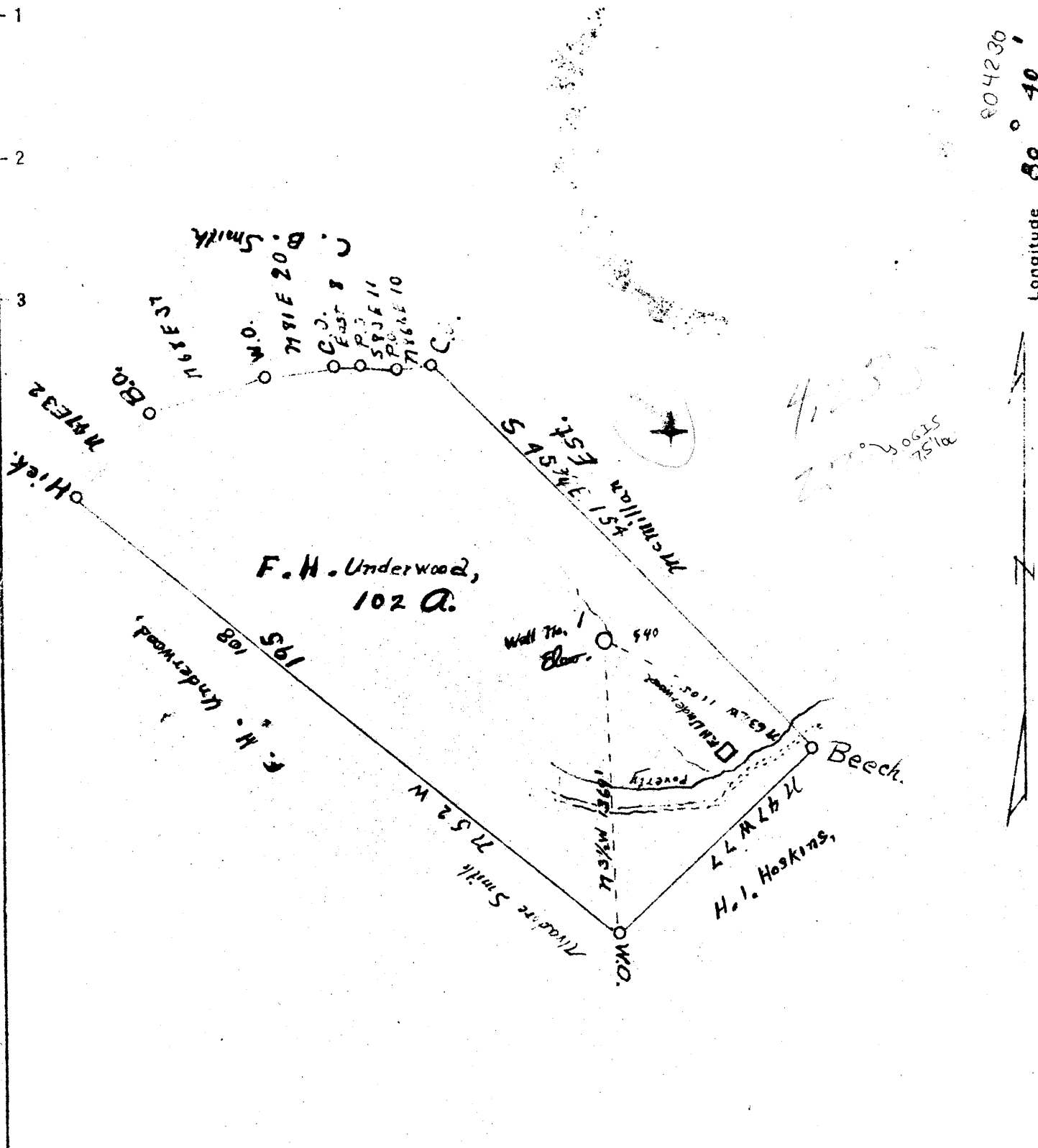
PHYSICAL CHANGE IN WELL (SPECIFY) Well Drilled in 1947 TARGET FORMATION London  
ESTIMATED DEPTH 2651.00 07 1997

WELL OPERATOR PEAKE ENERGY, INC. DESIGNATED AGENT TOM LIBERATORE  
ADDRESS P.O. BOX 8 RAVENSWOOD, WV 26164 ADDRESS P.O. BOX 8 RAVENSWOOD, WV 26164

COUNTY NAME PERMIT

Latitude 39° 25' 392230

Longitude 80° 40' 804230



New Location  X  
 Drill Deeper   
 Abandonment

Company Clifton Oil & Gas Co  
 Address Parisburg, Mo.  
 Farm F. H. Underwood  
 Tract 102 Acres Lease No. \_\_\_\_\_  
 Well (Farm) No. 1 Serial No. 2860  
 Elevation (Spirit Level) 540 Must be 8 ft from road  
 Quadrangle Centerpoint  
 County Loddrige District Grant  
 Engineer J. M. Martin  
 Engineer's Registration No. 84  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date April 4, 1947 Scale 40

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON

WELL LOCATION MAP  
 FILE NO. DOD-174

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

✓ 5-6-90

WEST VIRGINIA DEPARTMENT OF MINES  
OIL & GAS DIVISION  
W E L L R E C O R D

Permit No. Dod 174  
Centerpoint Quad.  
Company  
Address  
Farm  
Location  
Well No.  
District  
Surface  
Mineral  
Commenced  
Completed  
Open flow  
Water

Clifton Oil & Gas Company  
Parkersburg, W.Va.  
F.H. Underwood Acres 102  
1 Elev. 940  
Grant Doddridge County  
F.H. Underwood et al, West Union, W.Va.  
F.H. Underwood et al, West Union, W.Va.  
July 7, 1947  
Sept. 13, 1947  
30/10ths W in 1"  
40/10ths M in 1"  
90'

Gas Well  
CASING & TUBING

10 184 184  
8 1/2 984 984  
6 5/8 1748 1748

Conductor		13	Red Rock	1645	1687
Clay	20	35	Lime	1687	1710
Gritty Lime		26	Blue Monday	1710	1745
Red Rock Shells	35		Big Lime	1745	1802
Broken Lime	90	110	Big Injun Sand	1802	1920
Slate	110	120	Squaw	1920	1955
Sand	120	165	Slate & Lime Shells	1955	2078
Slate	165	172	Berea Grit	2078	2215
Coal Glass	172	173	Slate & Lime Shells	2215	2489
Slate	173	190	Gordon Stray	2489	2533
Lime	190	230	Slate	2533	2535
White Slate	230	335	Gordon Sand	2535	2548
Broken Lime	335	422	Slate & Lime Shells	2548	2651
Pittsburgh Coal	422	428	Total Depth		2651
Hard Lime	428	443			
Gritty Lime	443	472	Gas 10/10 W 1/2 orifice	1829	1835
Sand	472	515	Gas 30/10 W 1" orifice	2525-2528	SL
Lime	515	530			
Broken Lime	530	567			
Red Rock	567	587			
Slate Shells	587	615			
Red Rock	615	625			
Lime	625	680			
Red Rock	680	695			
Lime	695	796			
Slate	706	726			
Broken Lime	726	745			
Slate	745	750			
Lime	750	808			
Slate Shells	808	840			
Gritty Lime	840	880			
Lime	880	915			
Slate Shells	915	925			
Broken Slate	925	943			
Slate Shells	943	980			
Big Dunkard	980	1015			
Lime	1015	1035			
Slate	1035	1043			
Sand	1043	1088			
Black Shale	1088	1095			
Lime	1095	1100			
Sand	1100	1125			
Slate	1125	1140			
Gas Sand	1140	1165			
Little Water	1165		Water	1165	
Black Shale	1165	1175			
Gritty Lime	1175	1200			
Sand	1200	1305			
Black Slate	1305	1334			
Gritty Lime	1334	1400			
Sand	1400	1470			
Slate Shells	1470	1545			
Sand	1545	1563			
Slate	1563	1595			
Maxon Sand	1595	1645			
Show of Oil and Gas		1611	SL		

1710  
810  
-770

1745  
135  
1880  
940  
940

1745  
940  
805

Fract 7-11-57  
(Quaker State)

WR-38  
05-Apr-96

API # 47-017 - 0174

STATE OF WEST VIRGINIA  
DIVISION OF ENVIRONMENTAL PROTECTION  
SECTION OF OIL AND GAS

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Division, on copy to be retained by the Well Operator and the third copy (and extr copies if required) should be mailed to each coal operator at their respective addresses.

Farm name: F. H. Underwood #1 Operator Well No.: 61259

LOCATION: Elevation: 868 Quadrangle: Smithburg 7.5  
District: Grant County: Doddridge  
Latitude: 8,920 Feet South of 39 Deg. 22 Min. 30 Sec.  
Longitude 2,470 Feet West of 80 Deg. 42 Min. 30 Sec.

Well Type: OIL \_\_\_\_\_ GAS x

Company: Peake Energy  
P O Box 8, State Route 2  
Ravenswood WV 26164

Coal Operator \_\_\_\_\_  
or Owner \_\_\_\_\_

Agent: Tom Liberatore

Coal Operator \_\_\_\_\_  
or Owner \_\_\_\_\_

Permit Issued:

RECEIVED  
Office of Oil & Gas  
Permitting  
JAN 05 1999

AFFIDAVIT

STATE OF WEST VIRGINIA,  
County of Upshur ss:

WV Division of  
Environmental Protection

Phillip Pulliam and Alvin Sorcan being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by the above named well operator, and participated in the work of plugging and filling the above well, and Mike Underwood Oil and Gas Inspector representing the Director, say that said work was commenced on the 27 day of May, 1998, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
gel	1935	1885	5 1/2 1705	47
cement	1885	1625	6 5/8 1012	736
gel	1625	1025	8 1/2 462	522
cement	1025	925	10 0	184
gel	925	470		
cement	470	370		
gel	370	100		
cement	100	surface		

Description of monument: 7" casing 3 feet out of ground with API #  
and that the work of plugging and filling said well was completed on the 4 day of June, 1998.

And further deponents saith not.

Phillip O Pulliam  
Alvin Sorcan

Sworn and subscribe before me this 15 day of July, 1998

Notary Public Commission Expires: August 4, 2003

NOTARY PUBLIC  
STATE OF WEST VIRGINIA  
JOYCE K. HARLOW  
Rt. 8 BOX 840  
BUCKHANNON, WV 26201  
My Commission Expires AUG. 4, 2003

Joyce K. Harlow  
Notary Public  
Mike Underwood  
Oil and Gas Inspector:

JAN 11 1999

0000 0174

