

LATITUDE 39°25'

R. ADKINS
T.M. 11-14.6
21.3 AC.

J. BARNARD, ET. AL.
T.M. 11-13
284.3 AC.

L. LOUGH
T.M. 11-16
48.1 AC.

L. LOUGH
T.M. 11-20
50.5 AC.

J.R. MARSH HRS.
RITCHIE CO.
168 AC.

L. LOUGH
T.M. 11-21
33.9 AC.

L. LOUGH
T.M. 11-19
10 AC.

LONGITUDE 80°52'30"

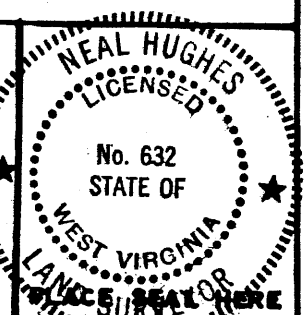
11,900'

NORTH

FILE NO. 81-28
DRAWING NO. 1
SCALE 1"=500'
MINIMUM DEGREE OF ACCURACY 1/200
PROVEN SOURCE OF ELEVATION KNOB 1299

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 MINES.
(SIGNED) Neal Hughes

R.P.E. _____ L.L.S. 632



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
FORM IV-6
(8-78)



DATE AUG 15, 19 81
OPERATOR'S WELL NO. 1
API WELL NO. 47-095-0944-P
STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
(IF "GAS", PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW _____
LOCATION: ELEVATION 1090' WATER SHED SANCHO CREEK
DISTRICT CENTERVILLE COUNTY TYLER
QUADRANGLE MIDDLEBOURNE 75'
SURFACE OWNER LESTER LOUGH ACREAGE 50.5
OIL & GAS ROYALTY OWNER MERINTH HEIRS LEASE ACREAGE 50.5
LEASE NO. _____
PROPOSED WORK: DRILL CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____ PLUS OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

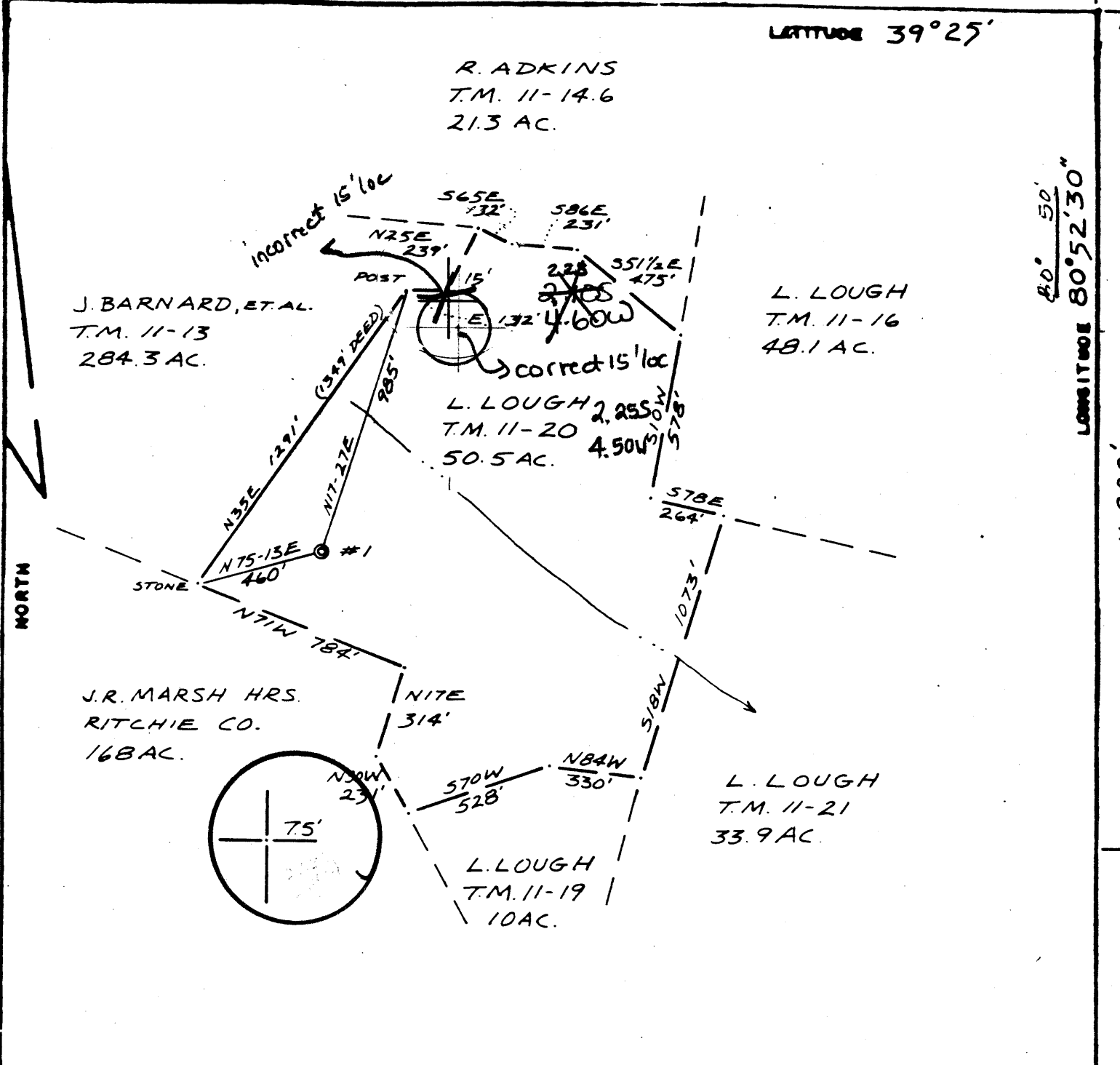
PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
TARGET FORMATION BIG INJUN ESTIMATED DEPTH 2300
WELL ADDRESS American Pipeline & Exp. Company 210 2nd. Street St. Marys, WVA. 26170
DESIGNATED AS ADDRESS _____
Bernard Tice, Agent Same Address PH: 684-2495

MAR 17 1986

LATITUDE 39°25'

LONGITUDE 80°52'30"

11,900'



FILE NO. 81-28
DRAWING NO. 1
SCALE 1" = 500'
MINIMUM DEGREE OF ACCURACY 1/200
PROVEN SOURCE OF ELEVATION KNOB 1299

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 MINES.
(SIGNED) Neil Hughes
R.P.E. _____ L.L.S. 632

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
FORM IV-6
(8-78)



DATE AUG 15, 19 81
OPERATOR'S WELL NO. 1
SPI WELL NO. 47-095-0944
STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
(IF "GAS", PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW _____)
LOCATION: ELEVATION 1090' WATER SHED SANCHO CREEK
DISTRICT CENTERVILLE COUNTY TYLER
QUADRANGLE MIDDLEBOURNE 75' West Union 15'C
SURFACE OWNER LESTER LOUGH ACREAGE 50.5
OIL & GAS ROYALTY OWNER MESINTZ 4' LEASE ACREAGE 50.5
LEASE NO. _____
PROPOSED WORK: DRILL CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____ PLUS OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
TARGET FORMATION 10' ESTIMATED DEPTH 2.75
WELL OPERATOR L+B OIL CO., INC. DESIGNATED AGENT LOREN BAGLEY
ADDRESS 210 2ND ST. ST. MARYS, W.VA. 26170 ADDRESS 210 2ND ST. ST. MARYS, W.VA. 26170

SEP 9 1981

and Wilbur (92)

RECEIVED

AUG 19 1983



IV-35 (Rev 8-81) OIL & GAS DIVISION DEPT. OF MINES

State of West Virginia Department of Mines Oil and Gas Division

Date August 16, 1983 Operator's Well No. Meredith #1 Farm Lester Laugh API No. 47 - 095 - 0944

WELL OPERATOR'S REPORT OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

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

LOCATION: Elevation: 1090' Watershed Sancho Creek District: Centerville County Tyler Quadrangle Middlebourne

COMPANY L & B Oil Company, Inc. ADDRESS P.O. Box C, St. Marys, WV 26170 DESIGNATED AGENT Bernard Tice ADDRESS P.O. Box C, St. Marys, WV 26170 SURFACE OWNER Lester Laugh ADDRESS R. 1 Middlebourne, WV 26149 MINERAL RIGHTS OWNER Meredith Heirs ADDRESS Howard Pyle 613 Stealey St. OIL AND GAS INSPECTOR FOR THIS WORK Robert Lowther ADDRESS 3rd St., Middlebourne, WV PERMIT ISSUED 8-25-81 DRILLING COMMENCED 11-27-81 DRILLING COMPLETED 4-27-82 IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON

Table with 4 columns: Casing & Tubing, Used in Drilling, Left in Well, Cement fill up Cu. ft. Rows include sizes 20-16 Cond., 13-10", 9 5/8, 8 5/8, 7, 5 1/2, 4 1/2, 3, 2, and Liners used.

GEOLOGICAL TARGET FORMATION Squaw Depth 2150 feet Depth of completed well 2170 feet Rotary / Cable Tools XXXX Water strata depth: Fresh 173 feet; Salt None feet Coal seam depths: None Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Squaw Pay zone depth 2170-2178 feet Gas: Initial open flow 0 Mcf/d Oil: Initial open flow 1 Bbl/d Final open flow 0 Mcf/d Final open flow 0 Bbl/d Time of open flow between initial and final tests hours Static rock pressure 200 psig (surface measurement) after 12 hours shut in (If applicable due to multiple completion--)

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

Shot well with 60 quarts of Nitroglycerin from 2170 to 2178

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Shale			0	230	
Shale and Sand			230	1050	
Sand			1050	1414	
Maron			1414	1468	
Keener			1778	1820	
Injun			1950	2082	
<u>Squaw</u>			2162	2080	
TD Well			2296		

(Attach separate sheets as necessary)

L & B Oil Company, Inc.

Well Operator

By: Bernard J. Free

Date: August 16, 1983

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."

RECEIVED



AUG 25 1981

Well No. MeridTh #1
Farm Lester Laugh
API # 47-095-0944
Date _____

OIL AND GAS DIVISION STATE OF WEST VIRGINIA
WV DEPARTMENT OF MINES AND GAS - DEPARTMENT OF MINES

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil XX / Gas XX /
(If "Gas", Production XX / Underground storage ___ / Deep ___ / Shallow ___ /

LOCATION: Elevation: 1090 Watershed: Sancho Creek
District: Centerville County: Tyler Quadrangle: Middlebourne

WELL OPERATOR L & B Oil Company
Address 210 2ND ST
ST Marys WVa. 26170

DESIGNATED AGENT Loren E. Bagley
Address 210 2ND ST.
ST Marys WVa. 26170

OIL AND GAS ROYALTY OWNER MeridTh Heirs
Address 7th Howard Pyle 613 Stealey ST
Clarksburg WVa. 26301
Acreage 50.5

COAL OPERATOR N/A
Address _____

SURFACE OWNER Lester Laugh
Address R-1
Middlebourne WVa 26170
Acreage 50.5

COAL OWNER(S) WITH DECLARATION ON RECORD:
NAME N/A
Address _____

FIELD SALE (IF MADE) TO:
NAME _____
Address _____

NAME _____
Address _____

COAL LESSEE WITH DECLARATION ON RECORD:
NAME N/A
Address _____

OIL AND GAS INSPECTOR TO BE NOTIFIED:
NAME Phil Tracy
Address R-3
Alma WVa 26320
Telephone 304-758-4573

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed ___ / lease XX / other contract ___ / dated Aug 25th, 1980, to the undersigned well operator from MeridTh Heirs.

(If said deed, lease, or other contract has been recorded:)

Recorded on Aug 24th, 1981, in the office of the Clerk of County Commission of Tyler County, West Virginia, in 232 Book at page 60. A permit is requested as follows:

PROPOSED WORK: Drill XX / Drill Deeper ___ / Redrill ___ / Fracture or stimulate ___ / Plug off old formation ___ / Perforate new formation ___ / Other physical change in well (specify) _____

--planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after receipt of this Application by the Dept. Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessees on or before the day of the mailing or delivery of this Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
1613 WASHINGTON ST., E.
CHARLESTON, WV 25311
Telephone - 304/348-3092

L & B Oil Company Inc.
Well Operator
By: Loren E. Bagley
Its: President

(Revised 3-81)

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) _____

Address _____

GEOLOGICAL TARGET FORMATION Big Injun
Estimated depth of completed well 2300 feet. Rotary / Cable tools XX
Approximate water strata depths: Fresh, 84 feet; salt, feet.
Approximate coal seam depths: N/A
Is coal being mined in this area: Yes / No XX

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL UP OR SACKS Cubic ft.	PACKERS	
	Size	Grade	Weight per ft	New	Used	For Drill-ling			Left in Well
Conductor	10 3/4	LR	40.5 #	←		250	250	To Surface	Kinds
Fresh water									
Coal									Sizes
Intermed.	8 5/8	LR	23 #	←		1000	1000	To Surface	
Production Tubing	4 1/2	LR	10.5 #	←		2300	2300	By Rule 1501	Depths set
Liners								230 Sks.	Perforations:
									Top Bottom

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by regulation 12, or in lieu thereof the other security allowed by Code §22-4-5, (iii) Form IV-9, "Reclamation Plan" applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 4-27-82.

J. Murray
Deputy Director Oil & Gas Division

Lawson

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code §22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I V E R

The undersigned coal operator / owner / lessee / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided the well operator has complied with all applicable requirements of the West Virginia Code and the governing regularions.

Date: , 19 .

By: _____

Its: _____

AFFIDAVIT OF PLUGGING AND FILLING WELL

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

N/A	American Pipeline & Exploration Company
Coal Operator or Owner	Name of Well Operator
N/A	210 2nd St., P.O. Box C, St. Marys, WV
Address	Complete Address
N/A	Meredith #1 19
Coal Operator or Owner	WELL AND LOCATION
N/A	Centerville District
Address	Tyler County
N/A	WELL NO. 47-095-0944
Lease or Property Owner	Lester Lough Farm
N/A	
Address	

STATE INSPECTOR SUPERVISING PLUGGING Robert Lowther

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Pleasants ss:

American Pipeline & Exploration and Dowell
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 American Pipeline & Exploration Co., well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 25th day of July, 19 86, and that the well was plugged and filled in the following manner:

Sand or Zone Record Formation	Filling Material	Plugs Used Size & Kind	Casing	
			CSG PULLED	CSG LEFT IN
Squaw	cement	2150 to 2050		
	gel	2050 to 1150		
	cement	1150 to 1050	1100'	of 8 5/8"
	gel	1050 to 100		
	cement	100 to surface	300'	of 10"
Coal Seams				
(Name)		Description of Monument		
(Name)		3' of 7" casing		
(Name)				
(Name)				

and that the work of plugging and filling said well was completed on the 25th day of July, 19 86.

And further deponents saith not.

Bernard L. Luce
President

Sworn to and subscribed before me this 15th day of April, 19 87.

Betty M. G. Litch
Notary Public MAY 04 1987

My commission expires:

8-4-92

Permit No. 095-0944