

Jamie 8/15/89

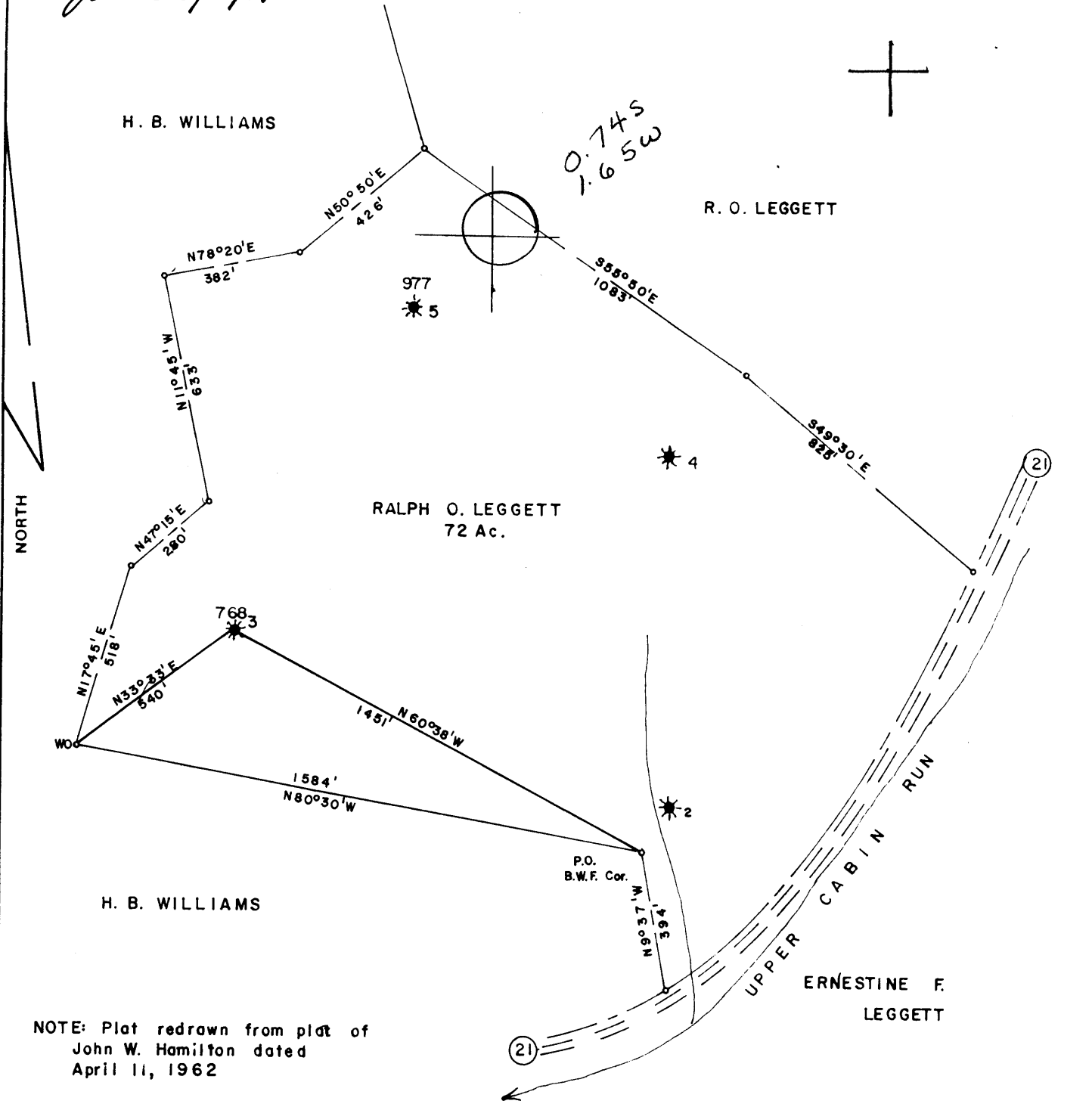
8750'

LATITUDE 39° 15' 00"

3875'

80° 50' 00"

LONGITUDE

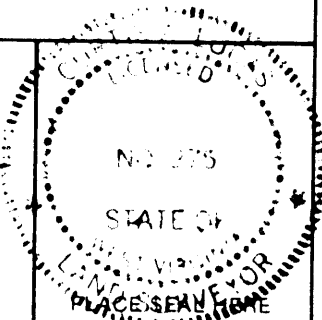


NOTE: Plat redrawn from plat of John W. Hamilton dated April 11, 1962

FILE NO. _____
 MAP _____ SQS _____
 SCALE 1" = 400'
 MINIMUM DEGREE OF ACCURACY 1 in 200'
 PROVEN SOURCE OF ELEVATION _____

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) Curtis A. Lucas
 CURTIS A. LUCAS LLS 275



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE Aug. 13 19 89
 FARM R. O. LEGGETT NO. 3
 API WELL NO.

47 -- 017 -- 0768-DD
 STATE COUNTY PERMIT

Drill Deeper

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 962 WATER SHED Upper Cabin Run
 DISTRICT Central 1 COUNTY Doddridge
 QUADRANGLE Oxford 7.5' 526 05B2

SURFACE OWNER Olin Primm ACREAGE 72
 OIL & GAS ROYALTY OWNER Olin Primm LEASE ACREAGE 72

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 Fifth Sand ESTIMATED DEPTH 3200

WELL OPERATOR FLUHARTY ENTERPRISES DESIGNATED AGENT THOMAS FLUHARTY
 ADDRESS P O BOX 236 SALEM WV 26426 ADDRESS SAME

AUG 18 1989

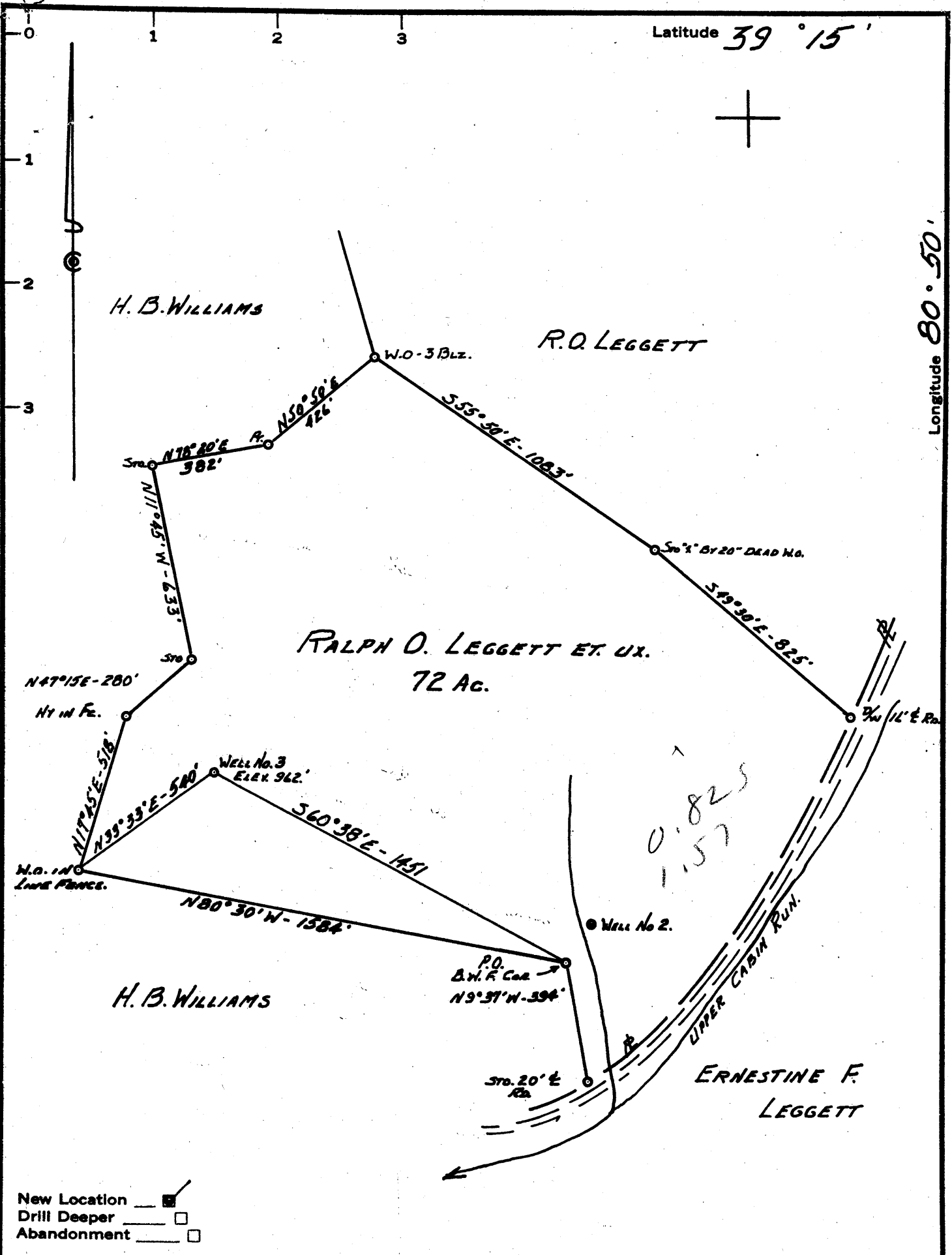
6WDD 6-0 Straight Fork - Bluestone Creek (133)

FORM IV-6 (8-78)

H. T. HALL

Latitude $39^{\circ} 15'$

Longitude $80^{\circ} 50'$



New Location
 Drill Deeper
 Abandonment

Company BAKER DEVELOPMENT Co.
 Address 215 CHEVERONT AVE. WEST UNION, W. VA.
 Farm RALPH O. LEGGETT ET UX.
 Tract 1 Acres 72 Lease No. _____
 Well (Farm) No. 3 Serial No. _____
 Elevation (Spirit Level) 962'
 Quadrangle HOLBROOK NC
 County DODDRIDGE District CENTRAL
 Engineer John W. Hamilton
 Engineer's Registration No. 2274
 File No. _____ Drawing No. _____
 Date APRIL 11, 1962 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. DOD-768

+ 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.

6-6-133

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

Reviewed TM6
Recorded _____

Reviewed TM6
Recorded _____

Well Operator's Report of Well Work

Farm name: PRIMM, OLIN Operator Well No.: LEGGETT #3
LOCATION: Elevation: 962.00 Quadrangle: OXFORD

District: CENTRAL County: DODDRIDGE
Latitude: 3875 Feet South of 39 Deg. 15Min. 0 Sec.
Longitude 8750 Feet West of 80 Deg. 50 Min. 0 Sec.

Company: FLUHARTY ENTERPRISES, INC
P. O. BOX 187
SALEM, WV 26426-0000

Agent: THOMAS J. FLUHARTY

Inspector: MIKE UNDERWOOD
Permit Issued: 08/16/89
Well work Commenced: 9-1-89
Well work Completed: 9-1-91

Verbal Plugging
Permission granted on: _____
Rotary Cable Rig
Total Depth (feet) 2450'
Fresh water depths (ft) _____
OLD HOLE DRILLED DEEPER.
Salt water depths (ft) _____

Is coal being mined in area (Y/N)? _____
Coal Depths (ft): _____

Casing & Tubing	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
Size			
8 1/4		1163'	
5 3/16		2087'	25 SK.
OPEN Hole From		2087'	To 2450'
RECEIVED			
JAN 4 92			
Division of Energy Oil and Gas Section			

OPEN FLOW DATA

Producing formation WEIR Pay zone depth (ft) 2380-2410
Gas: Initial open flow .1000 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow .1000 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 24- Hours
Static rock Pressure 380# psig (surface pressure) after 24- Hours

Second producing formation NONE 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 WELLBORE.

For: Fluharty Enterprises Inc.
FLUHARTY ENTERPRISES, INC.
By: Thomas J. Fluharty - President
Date: 1-8-92

DRILLED thru $5\frac{3}{16}$ FROM 2087' TO ~~2087~~' 2450'
AND LEFT HOLE OPEN thru $5\frac{3}{16}$ NAT. NO FRAC —

new TD 2450
old TD 2219

(231) new str.

oil INJ — Top - 2128 —
Bottom - 2196 —
Sandy Shals 2196 —
2375 —
Weir - Top 2375 —
381 Bottom 2450 —

Left ~~hole~~ OPEN Hole from 2450 to 2087'

50/6



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 7

Quadrangle West Union

Permit No. DOD-768

WELL RECORD

Oil and Gas
Oil or Gas Well (KIND)

Company Baker Development Co.
Address 216 Chevront Ave. West Union W.Va.
Farm Ralph Leggett Acres 72
Location (waters) no water
Well No. 3 Elev. 962
District Central County Doddridge
The surface of tract is owned in fee by Ralph O. Leggett
Address West Union
Mineral rights are owned by Ralph O. Leggett
Address West Union W.Va.
Drilling commenced May 8 - 1962
Drilling completed June 8 1962
Date Shot June 9 From 2135 To 2180
With 120 qts. nitro glycerine tamped shot
Open Flow /10ths Water in _____ Inch
/10ths Merc. in no tests Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____

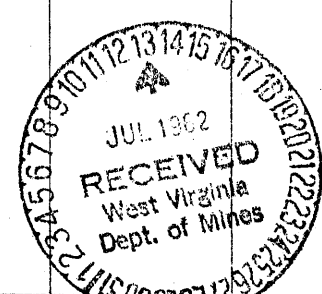
Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16	12ft.	12ft.	Kind of Packer _____
13			
10			Size of _____
8 3/4	1163ft	none	
6 3/4			Depth set _____
5 3/16	2087ft.	2087ft.	
3			Perf. top _____
2	2219ft	2219ft.	Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED 150ft size 5-3/16 Co. Ft. 6/1-62 Date
25 sks. cement 2 sks. aquagel - GARATON SERVICE
COAL WAS ENCOUNTERED AT no coal FEET INCHES
FEET INCHES FEET INCHES
FEET INCHES FEET INCHES

WELL FRACTURED 6/21-62
840 bbls water
RESULT AFTER TREATMENT Open Flow 74/10ths water in 1 1/2 inches. Gas 152,000 cu ft
ROCK PRESSURE AFTER TREATMENT 285 lbs 12hrs
Fresh Water only fracture water Salt Water _____ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Soil			0	11			
Sand	red&gray	broken	11	23			
Sand	gray	soft	23	225			
Slate			225	240			
Lime			240	258			
Rock	red		258	280			
Sand	gray		280	304			
Slate	black		304	315			
Slate	blue		315	335			
Sand			335	350			
Rock	red		350	443			
Slate	gray		443	464			
Rock	red		464	474			
Lime			474	485			
Slate	gray		485	544			
Slate	black		544	548			
Lime			548	555			
Rock	red		555	575			
Lime			575	595			
Rock	red		595	648			
Lime			648	670			
Slate	gray		670	690			
Sand	white		690	716			
Slate	gray		716	768			
Slate			768	770			
Lime			770	800			
Rock	red		800	820			
Slate	gray		820	832			
Rock	red		832	857			
Slate	gray		857	898			

*reduced hole
from 13 in to 10 in*



Formation	Color	Hard or Soft	Top 7	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand		898	898	918			
Rock	red		918	950			
Slate	gray		950	972			
Rock	red		972	1010			
Lime & shells			1010	1028			
Slate & shells			1028	1040			
Rock	red		1040	1070			
Slate	gray		1070	1120			
Rock	red		1120	1140			
Sand			1140	1150			
Slate	gray		1150	1162			
Sand			1162	1175			
Rock	red		1175	1185			
Lime	gray		1185	1197			
Slate	gray		1197	1257			
Sand			1257	1286			
Lime			1286	1308			
Slate	gray		1308	1370			
Lime			1370	1423			
Slate & shells			1423	1501			
Sand		broken	1501	1513			
Slate	gray		1513	1535			
Sand			1535	1545			
Sandy	gray	slate	1545	1564			
Sand			1564	1668			
Sandy	black	slate	1668	1678			
Sand		broken	1678	1774			
Sandy	gray	slate	1774	1915			
Lime	sandy	hard	1915	1935			
Sandy	blue	slate	1935	2003			
Lime	dark		2003	2016			
Lime broken slate			2016	2035			
Big lime			2035	2128			
Sand			2128	2195			
Slate			2195	2219			

Run 8 5/8 Pipe

Date July 11, 1962

APPROVED Baker development Co., Owner

By _____ (Title)

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

- 1) Well Operator: ³⁹⁶ Fluharty Enterprises **17400, 1, 525**
- 2) Operator's Well Number: Leggett 3 3) Elevation: 962
- 4) Well type: (a) Oil / or Gas /
 (b) If Gas: Production / Underground Storage /
 Deep / Shallow /
- 5) Proposed Target Formation(s): ⁴²² Fifth Sand
- 6) Proposed Total Depth: 3200 feet
- 7) Approximate fresh water strata depths: N/A
- 8) Approximate salt water depths: N/A
- 9) Approximate coal seam depths: _____
- 10) Does land contain coal seams tributary to active mine? Yes / No /
- 11) Proposed Well Work: Drill Deeper
- 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	16			12	12	
Fresh Water	8 1/4			1163	<i>filled</i>	
Coal						
Intermediate						
Production	5 3/16 3 1/2"			2087	2087	
Tubing					3200'	75 sks 38-CRS-18-10.1
Liners						

PACKERS : Kind _____
 Sizes _____
 Depths set _____

RECEIVED
 AUG 15 1989

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 Blanket O.W. Agent

(Type)

9405

6256

RECEIVED
AUG 15 1989

- 1) Date: August 13 1989
- 2) Operator's well number Leggett 3
- 3) API Well No: 47 - 017 - 0768-DD
State - County - Permit

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

**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 Olin Primm
Address W. Y. Union Rd 1
Box 225 26456
 - (b) Name _____
Address _____
 - (c) Name _____
Address _____
- 5) (a) Coal Operator:
 - Name _____
Address _____
 - (b) Coal Owner(s) with Declaration
 - Name _____
Address _____
 - Name _____
Address _____
 - (c) Coal Lessee with Declaration
 - Name _____
Address _____
- 6) Inspector Mike Underwood
Address Rt 2, Box 135
Salem WV 26426
Telephone (304) 782-1043

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:

- X 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 Fluharty Enterprises
 By: Thomas J. Fluharty Thomas Fluharty
 Its: President
 Address P O Box 236
Salem, WV 26426
 Telephone 304-782-3831

Subscribed and sworn before me this 14th day of August, 1989

My commission expires _____ Notary Public

[Handwritten signature]
Jane 5/1991