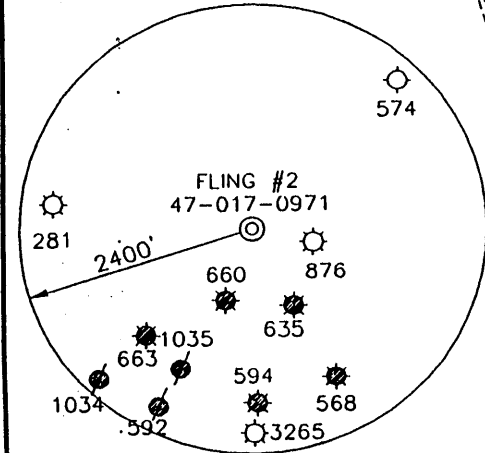
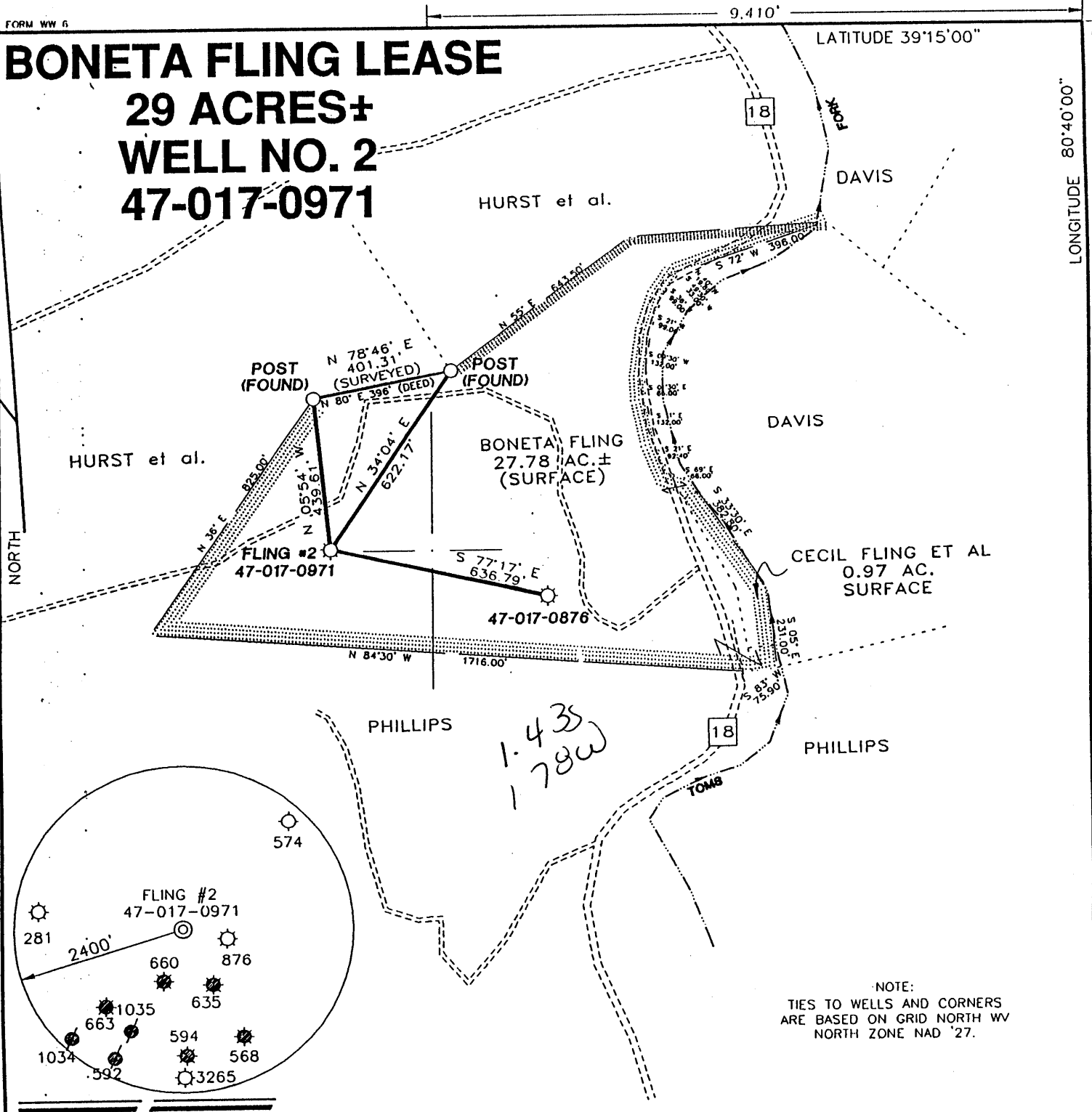


# BONETA FLING LEASE

## 29 ACRES±

### WELL NO. 2

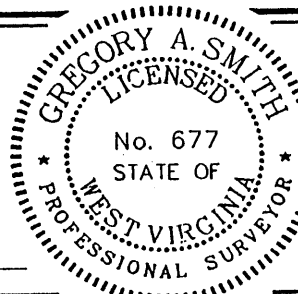
### 47-017-0971



NOTE:  
TIES TO WELLS AND CORNERS  
ARE BASED ON GRID NORTH WV  
NORTH ZONE NAD '27.



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.




(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.  
DATE APRIL 20, 19 98  
OPERATORS WELL NO. FLING #2  
API WELL NO. 47-017-00971-7  
STATE COUNTY PERMIT

P.S. Gregory A. Smith  
677

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 3923P2 (57-69)  
PROVEN SOURCE OF ELEVATION BENCH MARK ELEVATION 844' SCALE 1" = 400'

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 1164' WATERSHED TOMS FORK  
DISTRICT NEW MILTON COUNTY DODDRIDGE QUADRANGLE NEW MILTON 7.5'

SURFACE OWNER BONETA FLING ACREAGE 27.78  
ROYALTY OWNER BONETA FLING LEASE ACREAGE 29  
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) \_\_\_\_\_ TARGET FORMATION BALLTOWN  
ESTIMATED DEPTH 3560'

WELL OPERATOR JACKSON FUEL CORPORATION DESIGNATED AGENT DAVID NICHOLS  
ADDRESS 154 E. MAIN ST. CLARKSBURG, WV 26302 ADDRESS P.O. BOX 219 VOLGA, WV 26238

JUN 07 1999

LONGITUDE 80°40'00" 7 550

COUNTY NAME PERMIT

# BONETA FLING LEASE

## 29 ACRES±

### WELL NO. 2

### 47-017-0971

*Game*  
*4/19/98*

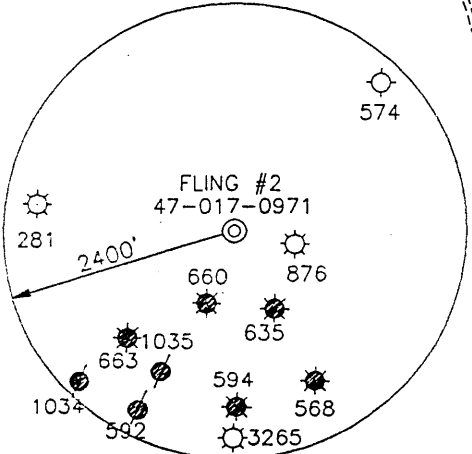
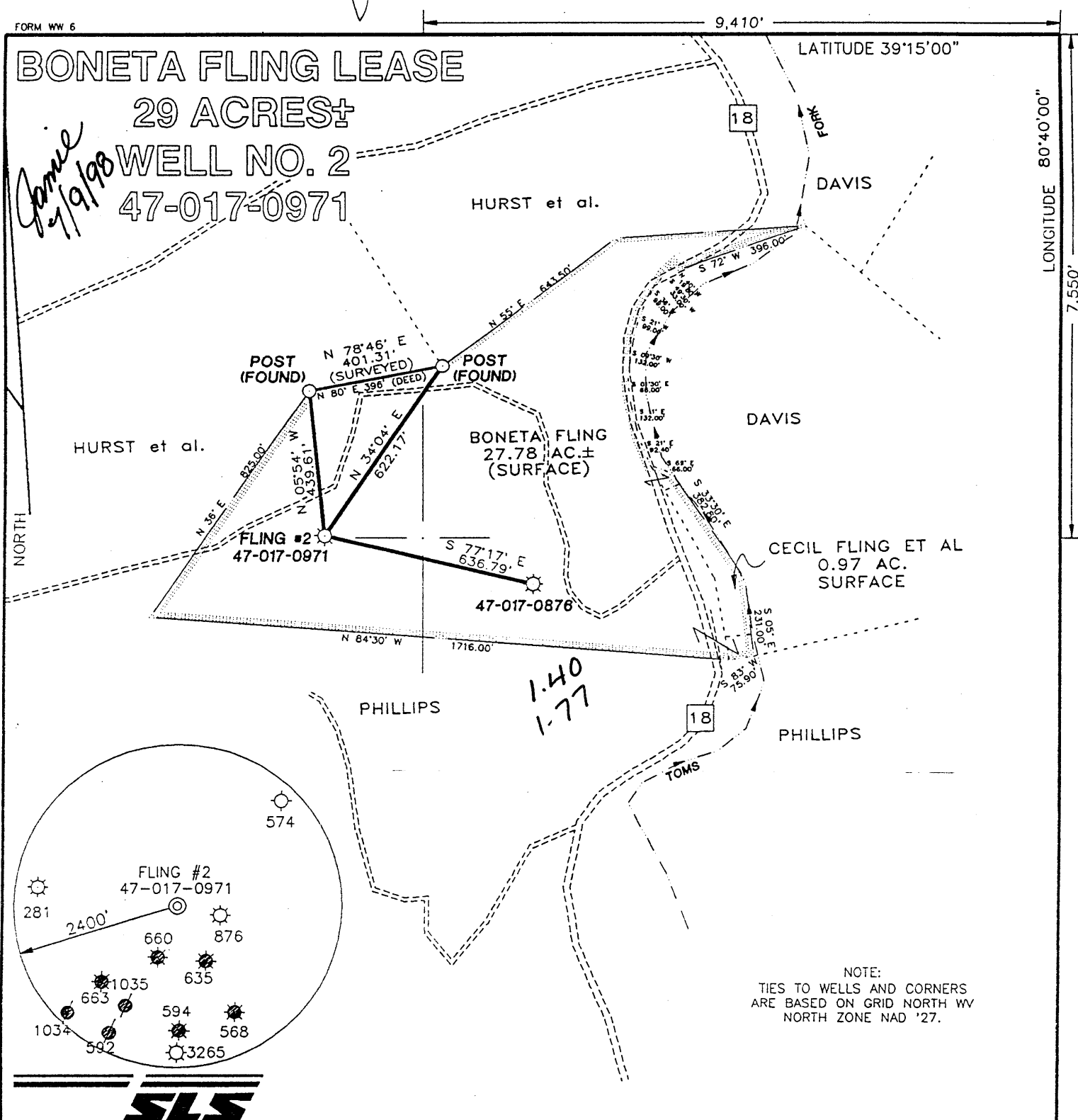
NORTH

9,410'

LATITUDE 39°15'00"

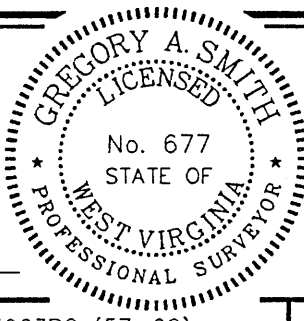
LONGITUDE 80°40'00"

7,550'



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 APRIL 20, 19 98  
 OPERATORS WELL NO. FLING #2  
 API WELL NO. 47-017-009717  
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 3923P2 (57-69)  
 PROVEN SOURCE OF ELEVATION BENCH MARK ELEVATION 844' SCALE 1" = 400'

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



WELL TYPE : OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_ "GAS" PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X

LOCATION : ELEVATION 1164' WATERSHED TOMS FORK  
 DISTRICT NEW MILTON COUNTY DODDRIDGE QUADRANGLE NEW MILTON 7.5'

SURFACE OWNER BONETA FLING ACREAGE 27.78  
 ROYALTY OWNER BONETA FLING LEASE ACREAGE 29

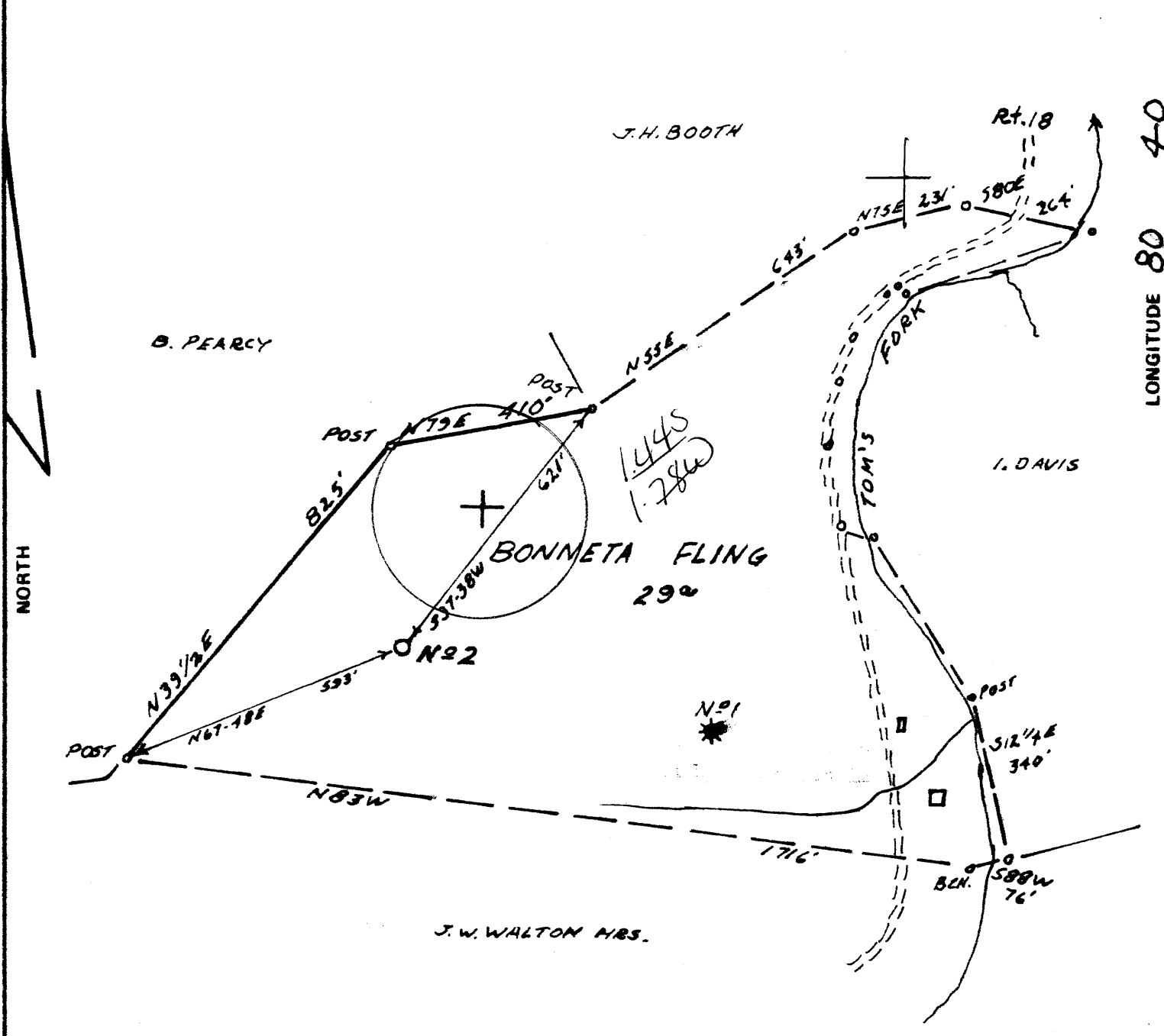
PROPOSED WORK : LEASE NO. \_\_\_\_\_  
 DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE \_\_\_ PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_ OTHER \_\_\_

*Existing well drilled by Se ROI in 1963 to 1986. Jackson Fuel drilled deeper in 1986 to 5740' Production also drilled Jackson Fuel well Trac Balltown & Comingle with alexander 1998.*  
 TARGET FORMATION BALLTOWN  
 ESTIMATED DEPTH 3560'

WELL OPERATOR JACKSON FUEL CORPORATION DESIGNATED AGENT DAVID NICHOLS  
 ADDRESS 154 E. MAIN ST. CLARKSBURG, WV 26302 ADDRESS P.O. BOX 219 VOLGA, WV 26238

COUNTY NAME Dodd  
 PERMIT 0971F

*5939i*



FILE NO. 205/100  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 300'  
 MINIMUM DEGREE OF ACCURACY 1 IN 200  
 PROVEN SOURCE OF ELEVATION N#1 WELL 366'

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) [Signature]  
 R.P.E. \_\_\_\_\_ L.L.S. 105

20. MCWILLIAMS  
 LICENSED SURVEYOR  
 STATE OF VIRGINIA  
 LA 10  
 PLACE SEAL HERE

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

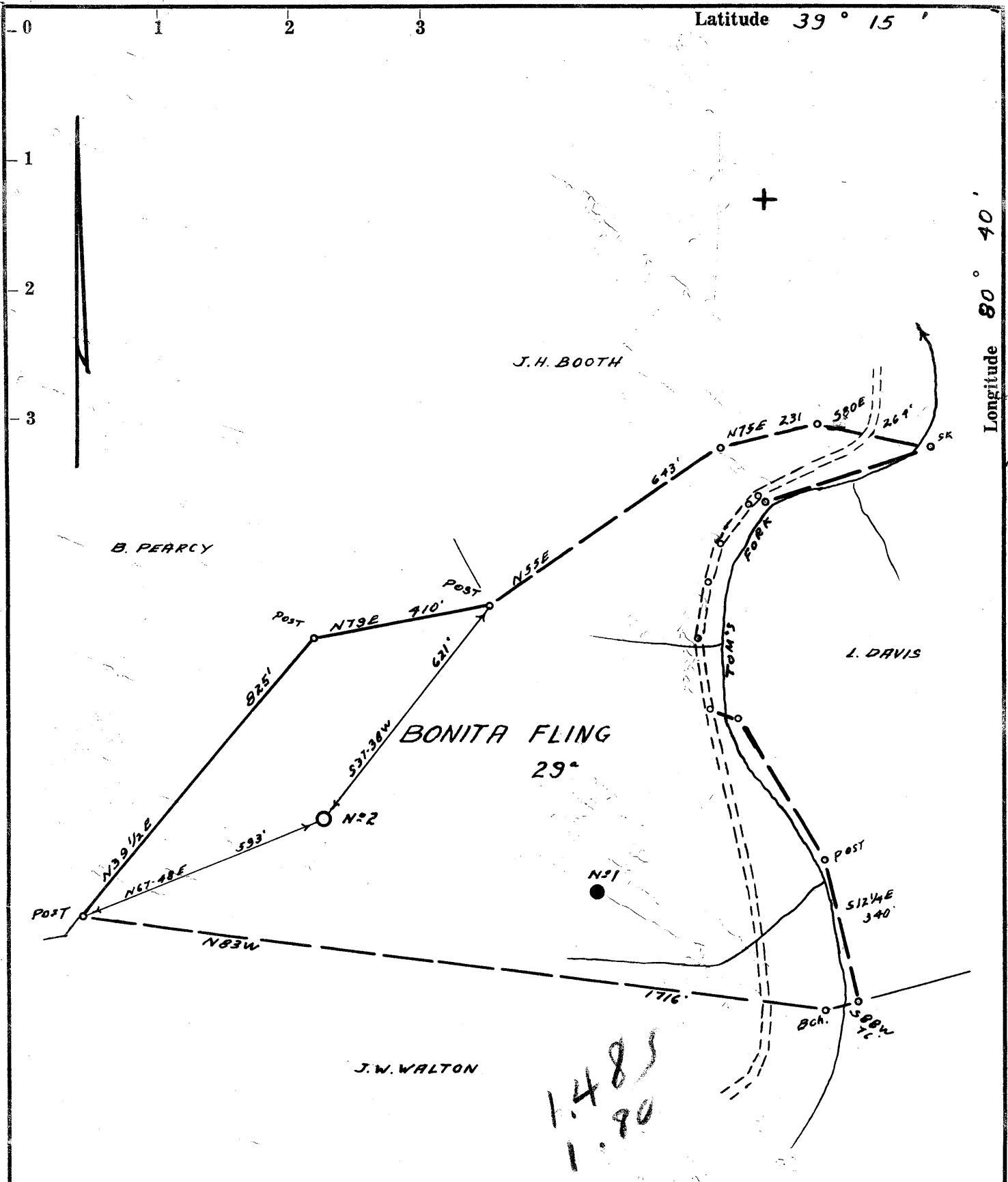


DATE JULY 1, 1985  
 OPERATOR'S WELL NO. 2 FLING  
 API WELL NO. \_\_\_\_\_  
47-017-0971-0  
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION \_\_\_ STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
 LOCATION: ELEVATION 1175' WATER SHED TOM'S FORK  
 DISTRICT NEW MILTON COUNTY DODDRIDGE  
 QUADRANGLE NEW MILTON 517 1/2 123 NW.  
 SURFACE OWNER BONNETA FLING ACREAGE 29  
 OIL & GAS ROYALTY OWNER BONNETA FLING LEASE ACREAGE 29  
 LEASE NO. \_\_\_\_\_  
 PROPOSED WORK: DRILL \_\_\_ CONVERT \_\_\_ DRILL DEEPER X 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 ALEXANDER ESTIMATED DEPTH 5500'  
 WELL OPERATOR GEORGE JACKSON DESIGNATED AGENT SAME  
 ADDRESS BOX 1638 431 ADDRESS SAME  
CLARKSBURG, W.V. 26301

SEP 16 1985



- Redrill.....
- New Location.
- Drill Deeper.....
- Abandonment.....

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Minimum accuracy, one part in 200

Company	GEORGE JACKSON	
Address	CLARKSBURG, W.VA.	
Farm	BONITA FLING	
Tract	Acres 29	Lease No.
Well (Farm) No.	2	Serial No.
Elevation (Spirit Level)	1175' VA.	
Quadrangle	VADIS (NW) 1 <sup>2</sup>	
County	DODDRIDGE	District NEW MILTON
Engineer	<i>Jammit D. [Signature]</i>	
Engineer's Registration No.	1084	
File No.	206/66	Drawing No.
Date	3-26-63	Scale 1" = 300'

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

**WELL LOCATION MAP**  
FILE NO. DOD-971

+ 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.

R.D.M.S.



RECEIVED

Date October 28, 1985  
Operator's  
Well No. Fling #2  
Farm Bonneta Fling  
API No. 47 - 017 - 0971DD

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

State of West Virginia  
DEPARTMENT OF ENERGY  
Oil and Gas Division

WELL OPERATOR'S REPORT  
OF  
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

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

LOCATION: Elevation: 1175' Watershed Tom's Fork  
District: New Milton County Doddridge Quadrangle New Milton 7.5

COMPANY George Jackson  
ADDRESS PO Box 1698, Clarksburg, WV  
DESIGNATED AGENT George Jackson  
ADDRESS PO Box 1698, Clarksburg, WV  
SURFACE OWNER Bonneta Fling  
ADDRESS New Milton, WV 26411  
MINERAL RIGHTS OWNER Bonneta Fling  
ADDRESS New Milton, WV 26411  
OIL AND GAS INSPECTOR FOR THIS WORK  
Mike Underwood Rt. 2 Box 114  
ADDRESS Salem, WV 26426  
PERMIT ISSUED September 9, 1985  
DRILLING COMMENCED September 26, 1985  
DRILLING COMPLETED October 4, 1985  
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"	469	469	
9 5/8			
8 5/8			
7			
5 1/2			
4 1/2	2264	2264	Cemented 300'
3 7/8"	5503	5503	Cemented
2			5425' - 5075'
Liners used			

GEOLOGICAL TARGET FORMATION Alexander Depth 5400 feet  
Depth of completed well 5740 feet Rotary X / Cable Tools \_\_\_  
Water strata depth: Fresh \_\_\_ feet; Salt \_\_\_ feet  
Coal seam depths: None Is coal being mined in the area? No

OPEN FLOW DATA  
Producing formation Alexander Pay zone depth 5400 feet  
Gas: Initial open flow \_\_\_ Mcf/d Oil: Initial open flow \_\_\_ Bbl/d  
Final open flow (381) Mcf/d Final open flow \_\_\_ Bbl/d  
Time of open flow between initial and final tests 4 hours  
Static rock pressure 1635 psig (surface measurement) after 120 hours shut in  
(If applicable due to multiple completion--)  
Second producing formation \_\_\_ Pay zone depth \_\_\_ feet  
Gas: Initial open flow \_\_\_ Mcf/d Oil: Initial open flow \_\_\_ Bbl/d  
Final open flow \_\_\_ Mcf/d Oil: 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

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

FRAC - 1,000<sup>gal</sup> Hydroc. Acid 15%; 1120 sks. sand; 1,000bbl. H<sub>2</sub>O

PERF. - Intervals perforated with 2 1/8" scallop at <sup>Benson</sup> 5090.5 - 96.5  
 (dropped .5 ft. because of collar) 5386 - 89 3 holes;  
 5400 -- 02 2 holes; 5410 - 12 2 holes; 5417 - 20 3 holes.

→ Alex 5386-5420

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			2260	2430	
Weir			2430	2465	
Shale			2465	2592	
Berea			2592	2605	
Shale			2605	2800	
Gordon			2800	2812	
Shale			2812	3500	
Balltown			3500	3592	
Shale			3592	4860	
1st Riley			4860	4866	
Shale			4866	4975	
2nd Riley			4975	5006	
Shale			5006	5090	
Benson			5090	5096	
Shale			5096	5382	
Alexander			5382	5450	
Shale			5450	5740	
TOTAL DEPTH			5740		
No water encountered during drilling.					
					New TD 5740 Old T.D. 2259 New Htg. 2481

(Attach separate sheets as necessary)

Well Operator

By:

Date: October 28, 1985

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."



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION /0

Quadrangle Vadis VADIS

WELL RECORD

Permit No. DOD-971 DOD-971

Oil or Gas Well Gas

Company <u>George Jackson - Bonneta Fling #2</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>P. O. Drawer 351, Clarksburg, W. Va.</u>				
Farm <u>Bonneta Fling</u> Acres <u>29</u>	Size			
Location (waters) _____	16			Kind of Packer _____
Well No. <u>Two</u> Elev. <u>1175-VA</u>	13			Size of _____
District <u>New Milton</u> County <u>Doddridge</u>	10	<u>469</u>	<u>469</u>	Depth set _____
The surface of tract is owned in fee by <u>Same</u>	8 1/4	<u>1281</u>	<u>None</u>	Perf. top _____
Address <u>Same</u>	6 3/8			Perf. bottom _____
Mineral rights are owned by <u>Bonneta Fling, et. al.</u>	5 3/16			Perf. top _____
Address _____	<u>2 1/2</u>	<u>2260</u>	<u>2260</u>	Perf. bottom _____
Drilling commenced <u>August 15, 1963</u>	2	<u>2197</u>	<u>2197</u>	Perf. top _____
Drilling completed <u>September 22, 1963</u>	Liners Used _____			Perf. bottom _____
Date Shot _____ From _____ To _____				
With _____				
Open Flow <u>4</u> /10ths Water in <u>3/8</u> Inch				
_____ /10ths Merc. in _____ Inch				
Volume _____ Cu. Ft.				
Rock Pressure _____ lbs. _____ hrs.				
Oil _____ bbls., 1st 24 hrs.				
WELL ACIDIZED _____				

CASING CEMENTED 4 1/2" SIZE No. Ft. 300' Date 9/22/63 - Cemented 2260 to 1960 50 ssk. cement  
COAL WAS ENCOUNTERED AT GARATON FEET INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

WELL FRACTURED 800 bbls. water

RESULT AFTER TREATMENT 10 bbls Oil = 55,000 cu. ft. gas

ROCK PRESSURE AFTER TREATMENT 500# = 36 Hrs.

Fresh Water \_\_\_\_\_ Feet Salt Water \_\_\_\_\_ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Red Rock			0	10			
Slate & Shells			10	415			
Lime			415	425			
Sand			425	440			
Slate & Shells			440	480			
Red Rock			480	500			
Slate & Shells			500	560			
Red Rock			560	585			
Lime			585	600			
Slate & Shells			600	855			
Red Rock			855	892			
Slate & Shells			892	950			
Sand			950	970			
Red Rock			970	990			
Lime			990	1015			
Red Rock			1015	1027			
Slate & Shells			1027	1100			
Red Rock			1100	1115			
Lime	Gray	Hard	1115	1155			
Slate & Shells			1155	1170			
Gritty Lime			1170	1180			
slate			1180	1280			
Lime			1280	1300			
Sand			1300	1335			
Slate			1335	1360			
Sand			1360	1425			
Slate			1425	1438			
Lime		Hard	1438	1530			
Slate & Shells			1530	1570			



Formation	Color	Hard or Soft	Top 10	Bottom	Oil, Gas or Water	Depth Found	Remarks
Line			1570	1585			
Sand			1585	1650			
Black Slate			1650	1690			
Slate & Shells			1690	2046			
<del>Line</del>			<del>2046</del>				
Line			2046	2080			
Sand			2080	2123			
<del>Big Line</del>			<del>2123</del>				
<del>Slate</del>			<del>2148</del>				
Big Line			2123	2148			
Injun Sand			2148	2238	Gas	2168	4/10 W 3/8"
Slate			2238	2259			
Total Depth			2259				
							Reduced hole at 2156
							Reduced hole 2156
							Gas 2168 4/10 W. 3/8"
							Ran 2259' of 4 1/2" tubing with guide shoe and 4 centralizers. 50 bags cement and 8 bags aquagel. Perforate 8 holes 2231 to 2229. 4 holes 2216-2215. Fractured with 200 gals. acid and 800 bbls water. Broke down at 2800. Results 111,000 gas and some oil. Set baker plug at 2198. Perforated 2164 to 2170 with 14 holes. Fractured 200 gals. acid 800 bbls. water. Broke down 2800. Result soon after treatment 35,000 gas and some oil

Date October 21, 1963, 19

APPROVED George Jackson - Benneta Fling #2 Owner

By [Signature] (Title)



JUL 30 1985



BLANKET BOND #  
029-848F5691

DIVISION OF OIL AND GAS  
DEPARTMENT OF ENERGY

1) Date: \_\_\_\_\_, 19\_\_\_\_  
2) Operator's Well No. Fling #2  
3) API Well No. 47 - 017 - 0971DD  
State \_\_\_\_\_ County \_\_\_\_\_ Permit \_\_\_\_\_

STATE OF WEST VIRGINIA  
DEPARTMENT OF OIL AND GAS DIVISION  
APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil \_\_\_\_\_ / Gas X /  
B (If "Gas", Production X / Underground storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow X)
- 5) LOCATION: Elevation: 1175' Watershed: Tom's Fork  
District: New Milton County: Doddridge Quadrangle: New Milton 7.5
- 6) WELL OPERATOR George Jackson 431 7) DESIGNATED AGENT George Jackson  
Address P.O. Box 1698 24300 Address P.O. Box 1698  
Clarksburg, WV 26302 Clarksburg, WV 26302
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name Harold Mike Underwood  
Address Route 2 Box 114  
Salem, WV 26426
- 9) DRILLING CONTRACTOR: Name Tri-State Well Service, Inc.  
Address Box 299, Berea Plaza  
Bridgeport, WV 26330
- 10) PROPOSED WELL WORK: Drill \_\_\_\_\_ / Drill deeper X / Redrill \_\_\_\_\_ / Stimulate XX /  
Plug off old formation \_\_\_\_\_ / Perforate new formation X /  
Other physical change in well (specify) \_\_\_\_\_
- 11) GEOLOGICAL TARGET FORMATION, Alexandria 439
- 12) Estimated depth of completed well, 5600' feet
- 13) Approximate strata depths: Fresh, 500 feet; salt, 1500 feet.
- 14) Approximate coal seam depths: \_\_\_\_\_ Is coal being mined in the area? Yes \_\_\_\_\_ / No X

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	10"	API				469	469		Kinds
Fresh water									
Coal									Sizes
Intermediate	4 1/2"					2260	2260	Cemented	2260 - 1960
Production	2 7/8"	API				5400	5400	Cemented	600 lbs set
Tubing									
Liners									Perforations: Top Bottom

OFFICE USE ONLY  
DRILLING PERMIT

Permit number 47-017-0971-D

September 9 1985  
Date

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 September 9, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <input checked="" type="checkbox"/>	Agent: <u>ALB</u>	Plat: <u>[Signature]</u>	Casing: <u>[Signature]</u>	Fee: <u>10178</u>
---	-------------------	--------------------------	----------------------------	-------------------

[Signature]  
Administrator, ~~State~~ of Oil and Gas  
DIRECTOR, DIVISION

NOTE: Keep one copy of this permit posted at the drilling location.

File

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.