



Tax Map:  
Fork Lick District 10-M

Minimum Error of Closure  $1'/5,000'$   
 Source of Elevation "D" cut in N.E. railroad bridge abutment over Leatherwood Creek at Bergoo. Elevation given as 1817.71  
 "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."  
*J. L. Sturgill*

- New Location
- Drill Deeper
- Abandonment

Company **AMOCO PRODUCTION CO.**  
 Address 500 Jefferson Building  
 P.O. Box 3092, Houston, TX 77001

Farm **DODRILL GAS UNIT**  
 Pt. of Tract 280-1 Acres 53.5 Lease No. 509417

Well (Farm) No. 1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 2333.68 NE  
 Quadrangle 7.5' Bergoo / 15' Webster Springs  
 County Webster District Fork Lick  
 W.Va. Surveying & Mapping, Inc. - L.G. Sturgill, LLS  
 Engineer's Registration No. 412  
 File No. W77-26 N.O. 280 Drawing No. D-71R  
 Date 6-11-79 Scale 1" = 400'

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

WELL LOCATION MAP  
 FILE NO. 47-101-0065

+ 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.

(Deep Well)

JUL 17 1979

# DRILLER'S RECORD

Previously Requested, but NOT  
AVAILABLE

DATE: \_\_\_\_\_

<u>101</u> COUNTY	<u>65</u> PERMIT
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ID: COUNTY: 101 (WEBSTER) PERMIT: 65 SFX: 0 (New Location) REASSIGNED ID #: ()

COMPLETION INFO: ELEVATION: 2334 COMP REC FLAG: (not@DOE/OGIS) \* LOCATION TAX DST: 1 (Fork Lick)  
 ELEVATION TYPE: G RIG TYPE: 1 \* INFO: DEGREES MINUTES MILES  
 (Ground Lvl) (Rotary) \* 7.5' LATITUDE: 38 30.0 0.85S  
 \* LONGITUDE: 80 17.5 0.90W  
 \* QUADRANGLE: 243 (Bersoo)  
 \* 15' LATITUDE: 38 30 0.66S  
 \* LONGITUDE: 80 15 3.16W  
 \* QUADRANGLE: 129 (Wbstr Spd)  
 \* 5' SECT: 3 (Northeast)

CLASSIFICATION: DATES: MM/DD/YYYY  
 INITIAL: 1 (New-fld Wildcat) SPUD: 5/11/1980 WELL TYPE: 4  
 FINAL: 0 (Unsuccessful) COMP: 9/10/1980 (Dry)  
 FIELD: 000 BATCH: / / CMLP METH: 0  
 (Unnamed) YEAR RPTD: (unknown)

OPEN GAS-BEFORE TREATMENT: (MCFPD) OIL-BEFORE TREATMENT: (BOPD)  
 FLOW: GAS-AFTER TREATMENT: (MCFPD) OIL-AFTER TREATMENT: (BOPD)

ROCK NATURAL (PSI): 0 TIME (NATURAL, IN HOURS): 0  
 PRESSURE: TREATED (PSI): 0 TIME (TREATED, IN HOURS): 0

DEPTHS: TOTAL FTG: 7474 NEW FTG: 7474 EXPL FTG: 7474

DEEPEST FM: AT TOTAL DEPTH: 999 TESTED: 999  
 (undetermined unit) (undetermined unit)

UTM: EASTING: 560321.5 NORTHING: 4260265.5  
 COORDINATE DIGITIZED (Y/N): N

OWNER STATUS: C (Cmplt) DATE: / /1980  
 INFO: SURFACE OWNER: Doddriill Gas Unit 1  
 OIL&GAS OWNER:  
 COMPANY NUMBER:  
 OPERATOR: 0029 (Amoco Prod)

MECHANICAL LOG INFO: STATUS: RANGE OF INTERVALS: 100- 4087 DEEPEST FM LOGGED:  
 LOGS AVAILABLE: GR,D,T,I,\* MICROFILM ROLL NUMBER(S): 89  
 COMMENT:  
 LOG TYPES: GR-gamma ray; D-density; T-temperature; I-induction; N-neutron; S-sonic; #Other types not noted

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. No. 1
API Well No. 47 - 101 - 0065
State County Permit

WELL TYPE: Oil / Gas x /
(If "Gas", Production / Underground storage / Deep x / Shallow /)
LOCATION: Elevation: 2333.68 Watershed: Elk River
District: Fork Lick County: Webster Quadrangle: 7.5 Bergoo/15 Webster Springs

WELL OPERATOR Amoco Production Company
Address P. O. Box 1350
Traverse City, MI 49684

DESIGNATED AGENT Gilbert S. Jamieson
Address Rte. 2, Box 525
Parkersburg, WV 26101

OIL & GAS ROYALTY OWNER Arvil V. Dodrill, Jr. and Katherine Dodrill, his wife
Address P. O. Box 2401
Huntington, West Virginia

COAL OPERATOR
Address

ACREAGE 4.56
SURFACE OWNER Arvil V. Dodrill, Jr. and Katherine Dodrill, his wife
Address P. O. Box 2401
Huntington, West Virginia
ACREAGE 4.56

COAL OWNER(S) WITH DECLARATION ON RECORD:
Name Pardee & Curtin Lumber Company
Address Curtin, West Virginia 26204

FIELD SALE (IF MADE) TO:
Name
Address

COAL LESSEE WITH DECLARATION ON RECORD:
Name
Address
RECEIVED
JUL - 2 1979

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Robert Bates
Address 109 Minnich Street
Weston, WV 26452
Telephone: 304-269-3820

OIL & GAS DIVISION DEPT. OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease / other contract / dated / 19 / to the undersigned well operator from (see Attachment)

If said deed, lease, or other contract has been recorded:
Recorded on / 19 / in the office of the Clerk of the County Commission of / county, West Virginia, in Book / at page / . A permit is requested as follows:

PROPOSED WORK: Drill x / 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 the receipt of this Application by the Department.

Copies of this Permit Application and the enclosed plat and explanation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL PHYSICAL LOGS DIRECTLY TO:
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
1100 WASHINGTON STREET, N.W.
CHARLESTON, WV 25302

AMOCO PRODUCTION COMPANY
Well Operator
By J. E. Trickett
District Superintendent

BLANKET BOND

[06-78]

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:  
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-2 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) Not known at this time

Address \_\_\_\_\_

GEOLOGICAL TARGET FORMATION, Oriskany

Estimated depth of completed well, 7500 feet Rotary x / Cable tools \_\_\_\_\_

Approximate water strata depths: Fresh, \_\_\_\_\_ feet; salt, \_\_\_\_\_ feet.

Approximate coal seam depths: \_\_\_\_\_ Is coal being mined in the area: Yes \_\_\_\_\_ / No x /

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	20"		78.6	x		60'	60'	Circ to Surf	Kinds
Fresh water	13-3/8	K-55	54.5	x		800'	800'	Circ to Surf	
Coal									Cases
Intermediate	9-5/8	K-55	36.0	x		4100'	4100'	Circ to Surf	
Production	5-1/2	K-55	15.5	x		7500'	7500'	Thru all pay	Depths set
Tubing									
Liners									Perforations:
									Top Bottom
*Note:	Above casing program allows for 7" string or 4-1/2" liner if formations require.								

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 § 22-4-2, (iii) Form IV-3, "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 § 22-4-12i, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well or drilling 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 included 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 3-2-80.

*[Signature]*  
Deputy Director - Oil & Gas Division

This permit shall not 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 has read and 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 to be done at this location, provided, the well operator has complied with all applicable provisions of the West Virginia Code and the governing regulations.

BY \_\_\_\_\_

IN \_\_\_\_\_

*[Stamp]*