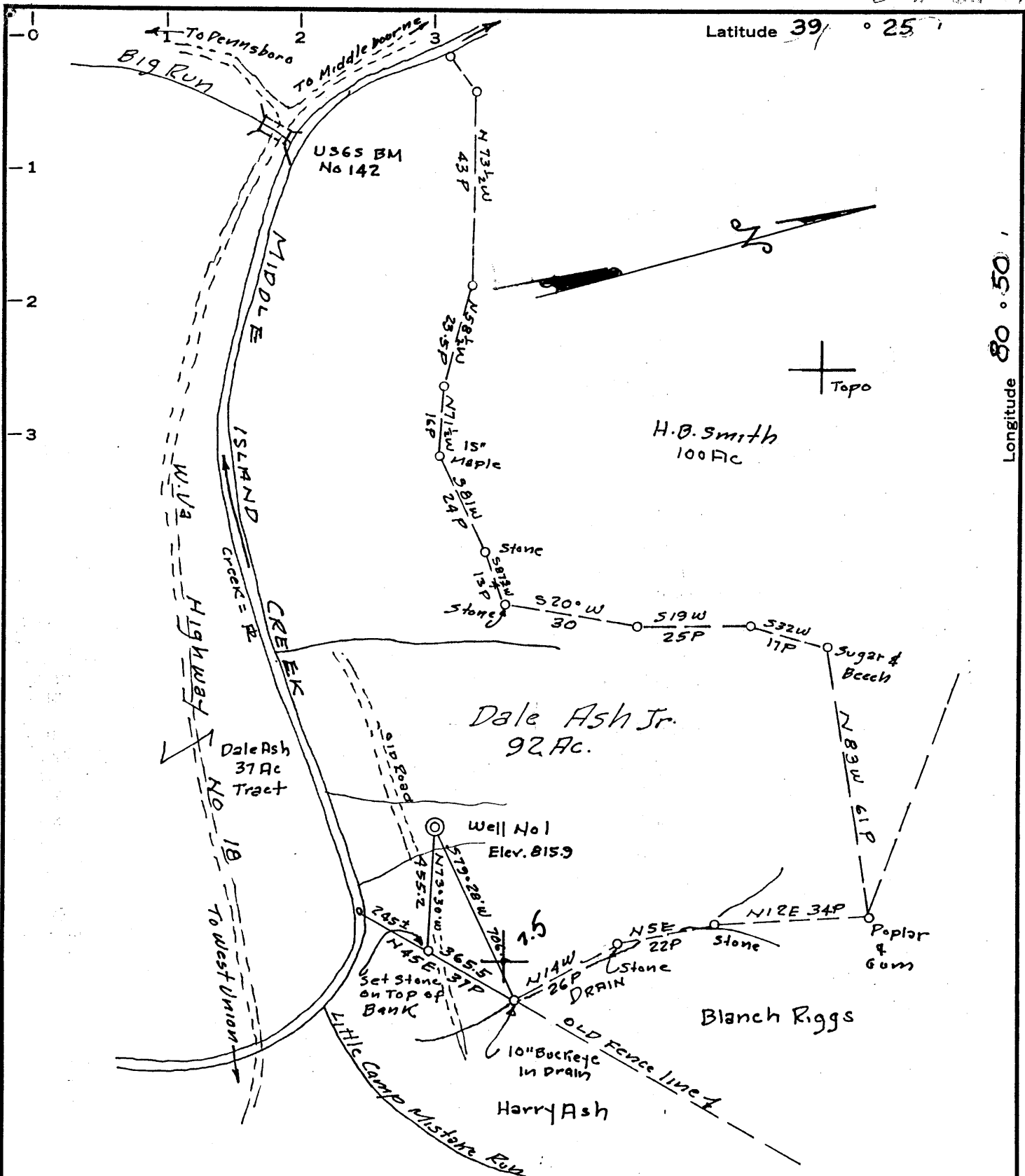


7650

5-11-66-1123



Longitude 80° 50'

14200

MINIMUM ERROR OF CLOSURE 1' in 200

SOURCE OF ELEVATION USGS BM No 142 ON Headwall @

New Location
 Drill Deeper
 Abandonment

Intersection of W.Va. Hwy No 18 & Big Run El. 721.0

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 GAS SECTION OF THE MINING LAWS OF WEST VIRGINIA.

Company Appalachian Energy Development Co.
 Box 902- Belington, WVa.
 Address Surface: Randall Ash
 Farm Dale Ash Jr.
 Tract _____ Acres 92 _____ Lease No. _____
 Well (Farm) No. one _____ Serial No. _____
 Elevation (Spirit Level) 815.9
 Quadrangle West Union
 County Tyler District Centerville
 Engineer H. J. Johnston
 Engineer's Registration No. 2492
 File No. _____ Drawing No. _____
 Date May 6, 1966 Scale 1" = 30 Poles

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

WELL LOCATION MAP

FILE NO. Tyl 400-DD-P

Plugging Permit Issued to 2766 12/20/80

+ 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.

MAR 23 1987

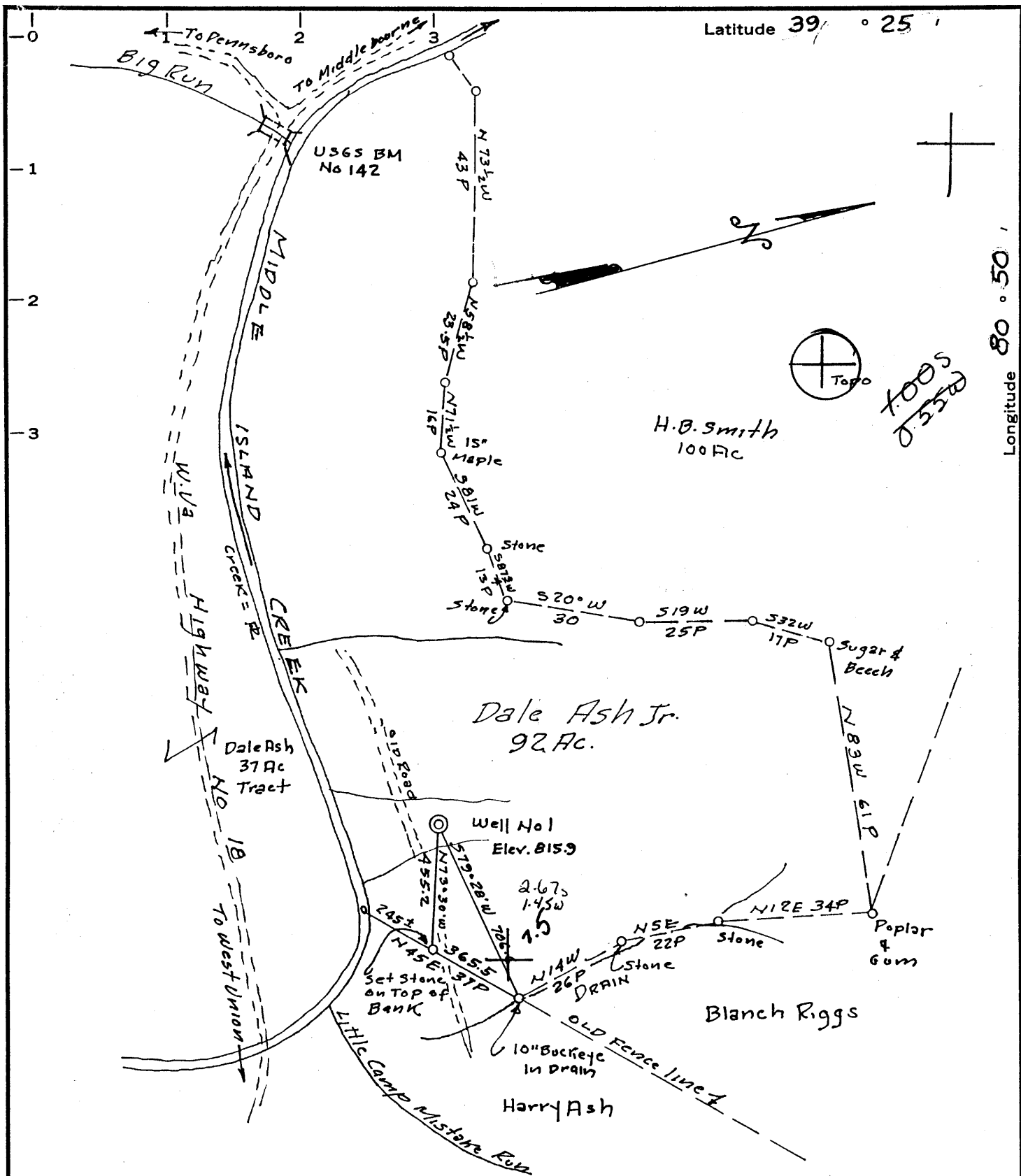
- Denotes one inch spaces on border line of original tracing.

47-095

TYL 04000-P

7650

5-11-66-113



MINIMUM ERROR OF CLOSURE 1' in 200

SOURCE OF ELEVATION USGS BM NO 142 ON Headwall @

Intersection of W.Va. Hwy No 1A & Big Run El. 721.0

- 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 GAS SECTION OF THE MINING LAWS OF WEST VIRGINIA.

Company Appalachian Energy Development Co.
 Box 902- Belington, WVa.
 Address Surface: Randall Ash 031
 Farm Dale Ash Jr.
 Tract _____ Acres 92 Lease No. _____
 Well (Farm) No. one Serial No. _____
 Elevation (Spirit Level) 815.9
 Quadrangle West Union 133 CS
 County Tyler District Centerville
 Engineer H. J. Johnston
 Engineer's Registration No. 2492
 File No. _____ Drawing No. _____
 Date May 6, 1966 Scale 1" = 30 Poles

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

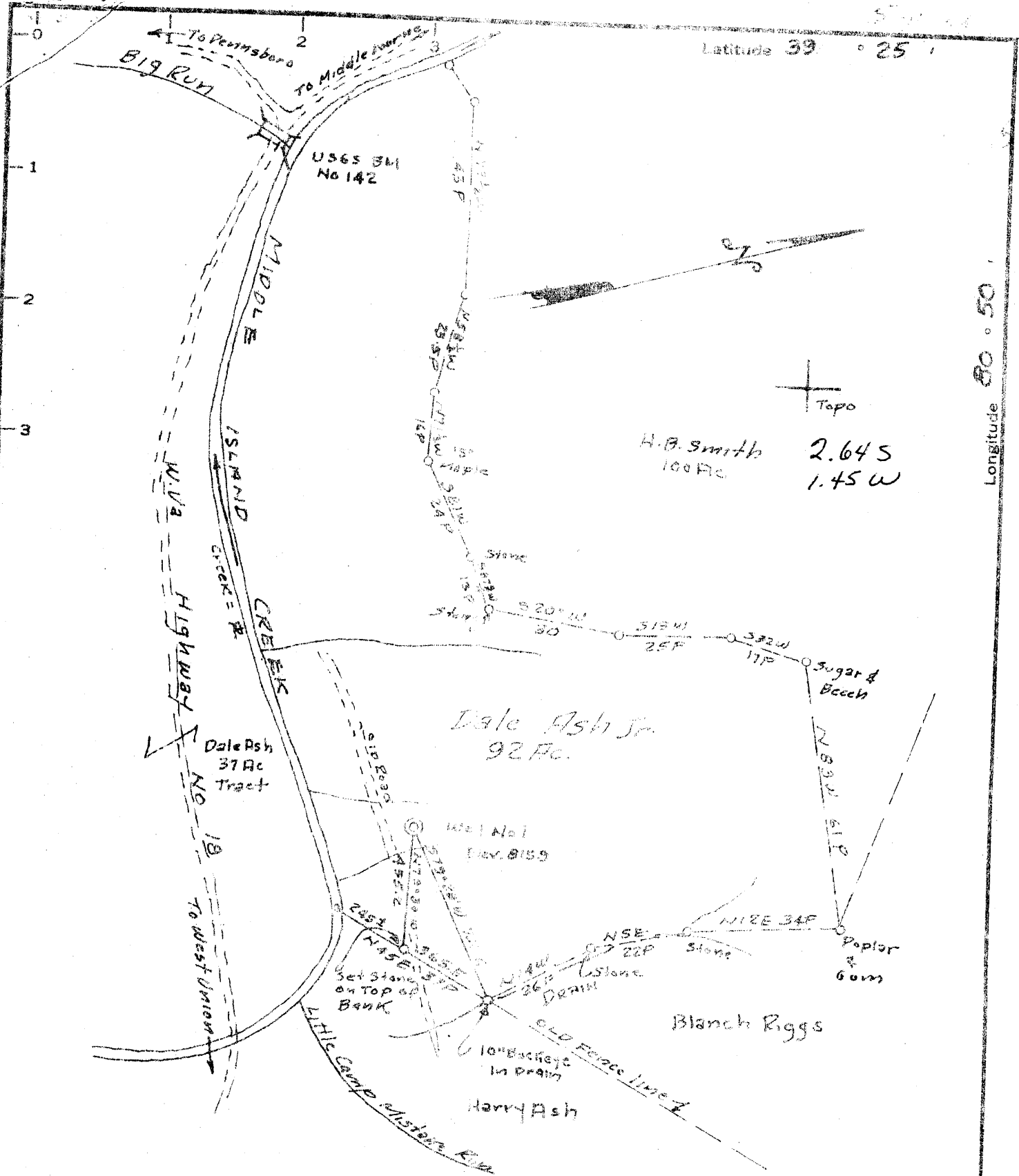
WELL LOCATION MAP
 FILE NO. Tyl 400 - DD
 Plugging Permit Issued 10-27-66

+ 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.

OCT 27 1966

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

47-095



Latitude 39° 25'

Longitude 80° 50'

MINIMUM ERROR OF CLOSURE 1" in 200
 SOURCE OF ELEVATION US 65 BM No 142 on Headwall @
 Intersection of W.V. Hwy No 18 & Big Run El. 721.0

New Location
 Drill Deeper
 Abandonment
 10-27-66

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.

Company Quaker State Oil Refg. Corp
 Address PO Box 1327 Parkersburg, W. Va.
 Farm Dale Ash Jr
 Tract _____ Acres 92 Lease No. _____
 Well (Farm) No. one Serial No. _____
 Elevation (Spirit Level) 815.9
 Quadrangle West Union - C
 County Tyler District Centerville
 Engineer H. F. Johnston
 Engineer's Registration No. 2492
 File No. _____ Drawing No. _____
 Date May 6, 1966 Scale 1" = 30 Feet

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

WELL LOCATION MAP
 FILE NO. Tyl 400
Plugging Permit Issued 10-27-66

+ 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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 2/

Rotary
Spudder
Cable Tools
Storage

Quadrangle West Union

WELL RECORD

Oil or Gas Well DRY
(KIND)

Permit No. TYL-400

Company Quaker State Oil Refining Corporation
Address P. O. Box 1327, Parkersburg, W. Va.
Farm Dale Ash Acres. 92
Location (waters) Middle Island Creek
Well No. One (1) Elev. 815.9
District Centerville County Tyler
The surface of tract is owned in fee by ---
Address ---
Mineral rights are owned by Dale & Gladys Ash
Address Central Station, W. Va.
Drilling commenced 6-8-66
Drilling completed 7-19-66
Date Shot --- From --- To ---
With ---
Open Flow --- /10ths Water in --- Inch
--- /10ths Merc. in --- Inch
Volume Show gas Cu. Ft.
Rock Pressure --- lbs. hrs.
Oil show oil bbls., 1st 24 hrs.
WELL ACIDIZED (DETAILS) ---

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			Size of
10	423	423	
8 1/4	1102	1102	Depth set
6 3/4	1703	1703	
5 3/16			Perf. top
4 1/2			Perf. bottom
3			Perf. top
2			Perf. bottom
Liners Used			

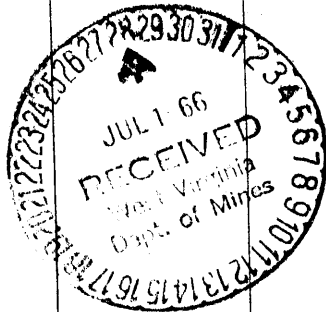
Attach copy of cementing record.
CASING CEMENTED NONE SIZE --- No. Ft. ---
Amount of cement used (bags) ---
Name of Service Co. ---
COAL WAS ENCOUNTERED AT 472 FEET show INC
765 FEET show INCHES FEET INC
--- FEET --- INCHES FEET --- INCHES

WELL FRACTURED (DETAILS) Will frac Weir

RESULT AFTER TREATMENT (Initial open Flow or bbls.) ---

ROCK PRESSURE AFTER TREATMENT --- HOURS
Fresh Water --- Feet --- Salt Water 334 - 75 Feet 1270 - 76
Producing Sand --- Depth ---

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Red clay			Surface	30			
Sand stone			30	35			
Lime			35	39			
Shale			39	52			
Red rock			52	60			
Shale			60	74			
Red rock			74	88			
Shale & lime shells			88	120			
Lime			120	145			
Shale & red rock			145	165			
Lime			165	172			
Red rock			172	190			
Shale			190	228			
Lime			228	244			
Shale			244	250			
Red rock			250	290			
Shale			290	310			
Red rock			310	334			
Sand			334	375			Water 334-75 - 2 bailers/hr.
Shale			375	380			
Lime			380	405			
Shale			405	430			
Sand			430	437			
Shale			437	465			Show of coal @ 472
Dark shale			465	472			
Lime			472	495			
Shale			495	530			
Red rock			530	550			
Shale & shells			550	605			
Red rock & lime shells			605	627			



Formation	Color	Hard or Soft	Top 2'	Bottom	Oil, Gas or Water	Depth Found	Remarks
Brown shale			627	640			
Red rock			640	680			
Shale			680	705			
Red rock			705	720			
Lime			720	745			
Shale			745	755			
Lime			755	763			
Dark shale			763	778	✓ Show of coal	@.765	
Lime			778	785			
Shale			785	800			
Lime			800	815			
Shale			815	825			
Lime			825	842			
Shale & shells			842	854			
Sand			854	862			
Shale			862	935			
Sand			935	945			
Shale			945	976			
Lime			976	995			
Shale & shells			995	1040			
Lime			1040	1054			
Sand			1054	1065			
Shale			1065	1075			
Sand			1075	1105			
Shale			1105	1115			
Sand			1115	1160			
Shale			1160	1225			
Sand			1225	1334	Hole full of water	@ 1270-76	
Sandy shale			1334	1375			
Black shale			1375	1380			
Shale & shells			1380	1420			
Slate break			1420	1480			
Sand			1480	1500			
Black slate			1500	1516			
Lime			1516	1532			
Black slate			1532	1545			
Shale & shells			1545	1584			
Sand			1584	1606			
Slate			1606	1615			
Maxon Sand			1615	1625			
Slate			1625	1635			
Red rock			1635	1640			
Black slate			1640	1652			
Lime			1652	1672			
Slate			1672	1683			
Lime			1683	1688			
Shale			1688	1691			
Big Lime			1691	1753			
Gritty Lime			1753	1758			
Limey Sand			1758	1782			
Sand			1782	1802	Show of Oil	1791-1797	
Shale			1802	1804	Show of Oil	1852-1870	
Sand			1804	1905	Show of Gas		
Shale			1905	2008	Shale Break	1886	
Sandy Shale			2008	2066	Show of Oil	2015	
Sand H.H.			2066	2178			
Lime			2178	2192			
Slate and Shells			2192	2378			
Pink Shale			2378	2386			
Shale & Shells			2386	2418			
Lime			2418	2447			
Sandy Shale			2447	2515			
TOTAL DEPTH				2515			

1694
816
878

LOGGED BY BIRDWELL 7-20-66:
G R
Neutron
Density
Induction

Date July 27, 19 66

APPROVED Queker State Oil Refining Corporation Owner
By Thomas A. Reardon
(Title) Engineer

7/85 RECEIVED
OCT 8 1986



1) Date: October 6, 19 86
 2) Operator's Well No. Ash # 2
 3) API Well No. 47 State 095 County 400-D Permit R

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, OIL AND GAS DIVISION

APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil Gas B (If "Gas", Production / Underground storage / Deep / Shallow)
- 5) LOCATION: Elevation: 816 Watershed: Middle Island Creek
 District: Centerville 1397 County: Tyler Quadrange: Shirley 7.5' 606
- 6) WELL OPERATOR Appalachian Energy CODE: 2325 7) DESIGNATED AGENT George Williams
 Address Box 902 Dev. Address Box 902
Belington WV Belington WV
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Bob Lowther Name _____
 Address General Delivery Address _____
Middlebourne WV
- 10) PROPOSED WELL WORK: Drill / Drill deeper / Redrill / Stimulate
 Plug off old formation / Perforate new formation
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Benson 435 Drill out plugs AND RUN CASING
- 12) Estimated depth of completed well, 4850 feet
- 13) Approximate strata depths: Fresh, previous coal feet; salt, _____ feet.
- 14) Approximate coal seam depths: None Is coal being mined in the area? Yes / No
- 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		
Conductor	10					423	423	CTS Kinds
Fresh water	8 5/8					1102	1102	By Rule 15.05
Coal	6 5/8					1703	1703	By Rule 15.05 Sizes
Intermediate	4 1/2					1910	160	
Production	2 7/8						4900	2500 1 string or as required by regulation Depth set
Tubing								
Liners								Perforations: Top Bottom

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-095-400-D

October 17 19 86
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 October 17, 1988 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <input checked="" type="checkbox"/>	Agent: <u>ALD</u>	Plat: <input checked="" type="checkbox"/>	Casing: <input checked="" type="checkbox"/>	Fee: <u>326</u> <u>148</u>	WPCP: <input checked="" type="checkbox"/>	S&E: <input checked="" type="checkbox"/>	Other: <input type="checkbox"/>
---	-------------------	---	---	-------------------------------	---	--	---------------------------------

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

Director, Division of Oil and Gas

File

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

7/86

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.

Coal Operator or Owner	Appalachian Energy Development, Inc.
Address	Name of Well Operator
Coal Operator or Owner	Rt. 2, Box 499, Grafton, WV 26354
Address	Complete Address
Coal Operator or Owner	March 5 19 87
Address	WELL AND LOCATION
Randall Ash	Centerville District
Lease or Property Owner	Tyler County
Rt. 1, Greenwood, WV	WELL NO. Ash # <u>1</u> Well
Address	Ash Farm

STATE INSPECTOR SUPERVISING PLUGGING Robert Lowther

AFFIDAVIT

STATE OF WEST VIRGINIA,

County of Tyler ss:

George R. Williams, A.E.D. Agent and John Clowser, Clowser Well Service 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 Appalachian Energy Development, Inc., well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 8 day of December, 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
Well was drilled to a depth of 275'. Due to hole problems well was abandoned.	Cement from 275' to Surface		0	0
Coal Seams				
(Name)		Description of Monument		
(Name)		8 5/8" pipe protruding 3"		
(Name)		above ground level with		
(Name)		operators name, plug date		
		& well name and permit No.		

and that the work of plugging and filling said well was completed on the 8 day of December, 19 86.

And further deponents saith not.

Sworn to and subscribed before me this 5 day of March, 1987.

George R. Williams
John Clowser
Don E. Williams
Notary Public

My commission expires:
March 7, 1993

Permit No. 47-095-400-D
MAR 30 1987