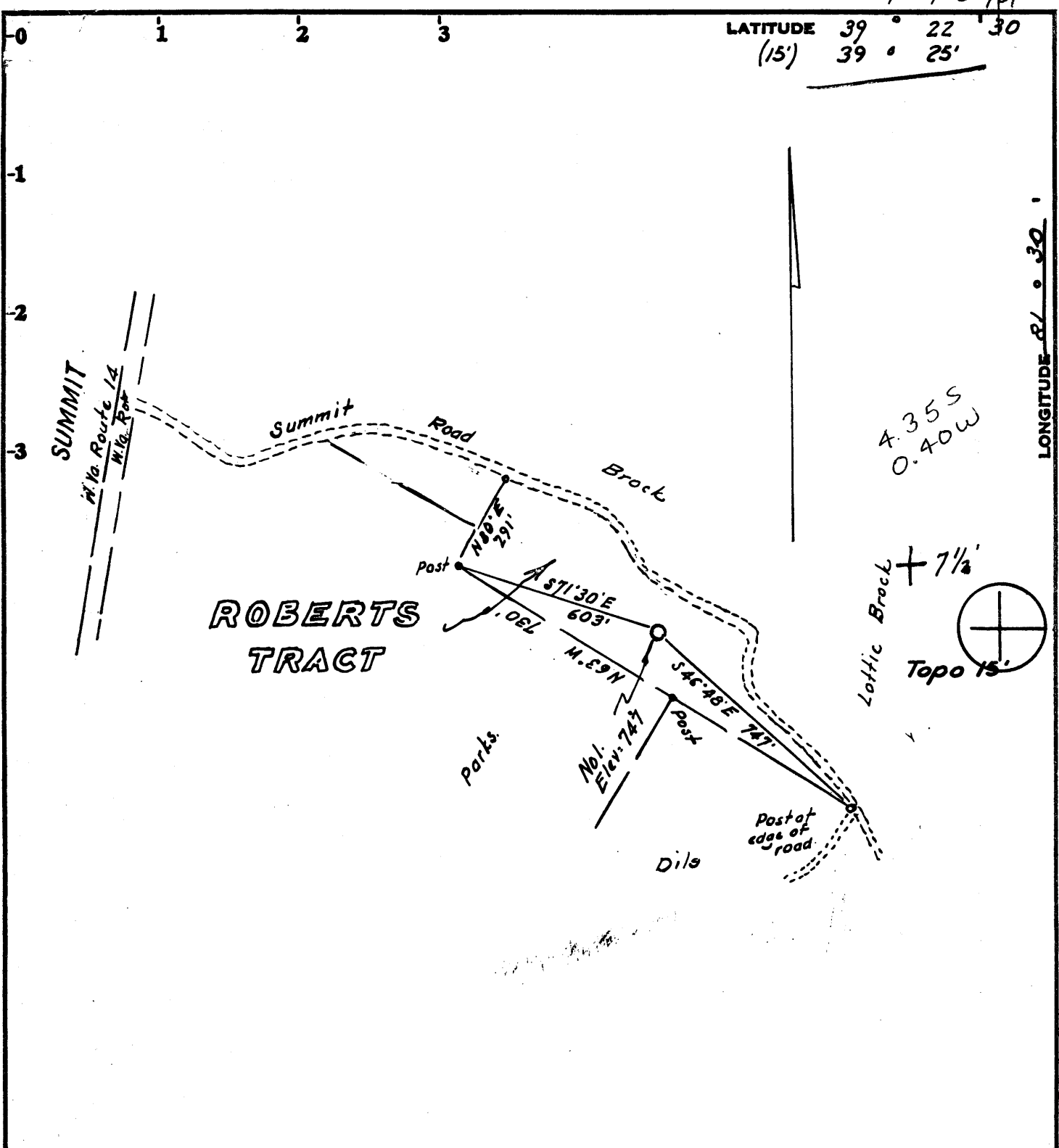


5,13,76 ^{1/2}



LATITUDE 39° 22' 30" (15') 39° 25'

LONGITUDE 81° 30'

Minimum Error of Closure 1 in 200'

Source of Elevation Well No. 1 David Kennedy = 890

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.

- Fracture.....
- New Location.....
- Drill Deeper.....
- Abandonment.....

Signed: [Signature]
Squares: N S E W

Map No.

Company Associated Minerals, Inc.
 Address 225 4th St., Suite 4, East Parkersburg.
 Farm Roberts tract
 Tract _____ Acres 17 Lease No. _____
 Well (Farm) No. One Serial No. _____
 Elevation (Spirit Level) 747
 Quadrangle 15 Parkersburg 7 1/2' EC
 County Wood District Williams
 Surveyor Engineer [Signature]
 Surveyor's Registration No. 1227
 File No. _____ Drawing No. _____
 Date April 17, 1976 Scale 1" = 400'

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

WELL LOCATION MAP
FILE NO. W00-746

+ Denotes location of well on United States Topographic Maps, scale 1 to ^{62,500}/_{24,000}, latitude and longitude lines being represented by border lines as shown.

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

47-107



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD 3

RECEIVED

AUG 19 1976

Quadrangle Parkersburg

Permit No. W00-746

Rotary XX Oil _____
Cable _____ Gas _____
Recycling _____ Comb. XX
Water Flood _____ Storage _____
Disposal _____ (Kind) _____

Company Associated Minerals, Inc.
Address 225 4th St., Parkersburg, W.V.
Farm Lester Roberts Acres 17
Location (waters) Briscoe Run
Well No. _____ Elev. _____
District Williams County Wood
The surface of tract is owned in fee by _____
Lester K. and Phyllis Roberts
Address Rt. 1, Box 88, Parkersburg, WV
Mineral rights are owned by same
Address _____
Drilling Commenced 4-20-76
Drilling Completed 4-23-76
Initial open flow 1,100 M cu. ft. 96 bbls.
Final production 200 M cu. ft. per day 24 bbls.
Well open 2 hrs. before test 650 RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size			
20-16			
Cond.			
13-10"			
9 5/8			
8 5/8	200'	200'	50 sks
7			
5 1/2			
4 1/2		2100	40 sks
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Halliburton frac 25 M Sand, 483 Bbl oil.

Coal was encountered at none Feet _____ Inches _____
Fresh water _____ Feet _____ Salt Water 1647 Feet 1670
Producing Sand Berea Depth 2054' - 2060'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Surface clay			0	12		
Shale			12	38		
Sand			38	50		
Shale			50	231		
Sand			231	250		
Shale			250	828		
Sand			828	840		
Shale and sandy shale			840	890		
Sand			890	896		
Shale			896	938		
Sand and shaley sand			938	1060		
Shale and sandy shale			1060	1375		
Sand			1375	1500		
Sandy shale			1500	1555		
Lime and sandy lime			1555	1630		

OVER---

(over)

* Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Sand and limey sand			1630	1670	Water	1647' - 70'
Shale			1670	2154		
Sand (<u>Berea</u>)			<u>2054</u>	<u>2060</u>	<u>Oil and gas</u>	
Sandy shale			2160	2114		
T.D.				2114		

Date 8-17, 1926

APPROVED Jim Allen Agent, Owner

By _____

(Title)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,
Charleston, W. Va.

DATE April 8, 1976

Surface Owner Lester K. Roberts
Address Rt. 1, Box 88, Parkersburg, W. Va.
Mineral Owner Same
Address Same
Coal Owner Same
Address Same
Coal Operator None
Address _____

Company Associated Minerals, Inc.
Address 225 4th Street, Suite 4-E
Parkersburg, W. Va. 26101
Farm Roberts Acres 17
Location (waters) Briscoe Run
Well No. 1 Elevation _____
District Williams County Wood
Quadrangle Parkersburg

THIS PERMIT MUST BE POSTED AT THE WELL SITE

If 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 8-19-76.

INSPECTOR Donald Conner
TO BE NOTIFIED _____
ADDRESS Rt. 1, Mineral Wells, W. Va.
PHONE 428-8172

Robert K. [Signature]
Deputy Director - Oil & Gas Division

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated March 12 1976 by Lester K. Roberts made to Associated Minerals, Inc. and recorded on the 23rd day of March 1976, in Wood County, Book 666 Page 201
XX NEW WELL _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE
_____ OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. *

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address _____ day _____ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA GEOLOGICAL AND
ECONOMIC SURVEY
P. O. BOX 879
MORGANTOWN, WEST VIRGINIA 26505
AC-304 - 292-6331

Very truly yours, ASSOCIATED MINERALS, INC.
(Sign Name) Walter H. Allen [Signature]
Well Operator
Address 225 4th Street, Suite 4-E
Street
of
Well Operator Parkersburg
City or Town
West Virginia 26101
State

*SECTION 3 If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

WOOD-746

PERMIT NUMBER

47-107

**THIS IS AN ESTIMATE ONLY
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION**

PROPOSED WORK ORDER TO XX DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME FWA _____ NAME Walt Allen _____
 ADDRESS Weston, West Virginia _____ ADDRESS 225 4th Street, Suite 4-E _____
 TELEPHONE _____ PARKERSBURG, W. Va. 26101
 TELEPHONE 422-5418 _____
 ESTIMATED DEPTH OF COMPLETED WELL: 2600 _____ ROTARY XX CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: Gordon _____
 TYPE OF WELL: OIL _____ GAS XX COMB. _____ STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8			
8 - 5/8	200	200	Circulate to surface
7			
5 1/2			
4 1/2		2600	80 sks
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 60 FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS None _____
 IS COAL BEING MINED IN THE AREA? No _____ BY WHOM? _____

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the _____ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

For Coal Company

Official Title