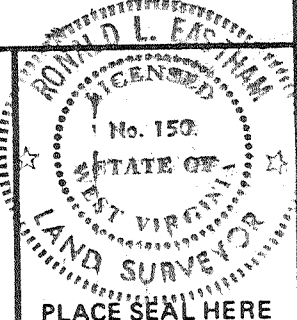


FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 600'
 MINIMUM DEGREE OF ACCURACY 1:21,300'
 PROVEN SOURCE OF ELEVATION U.S.G.S. Bench Mark "R51", Elevation 570.10

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) Ronald L. Eastha
 R.P.E. _____ L.L.S. 150



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

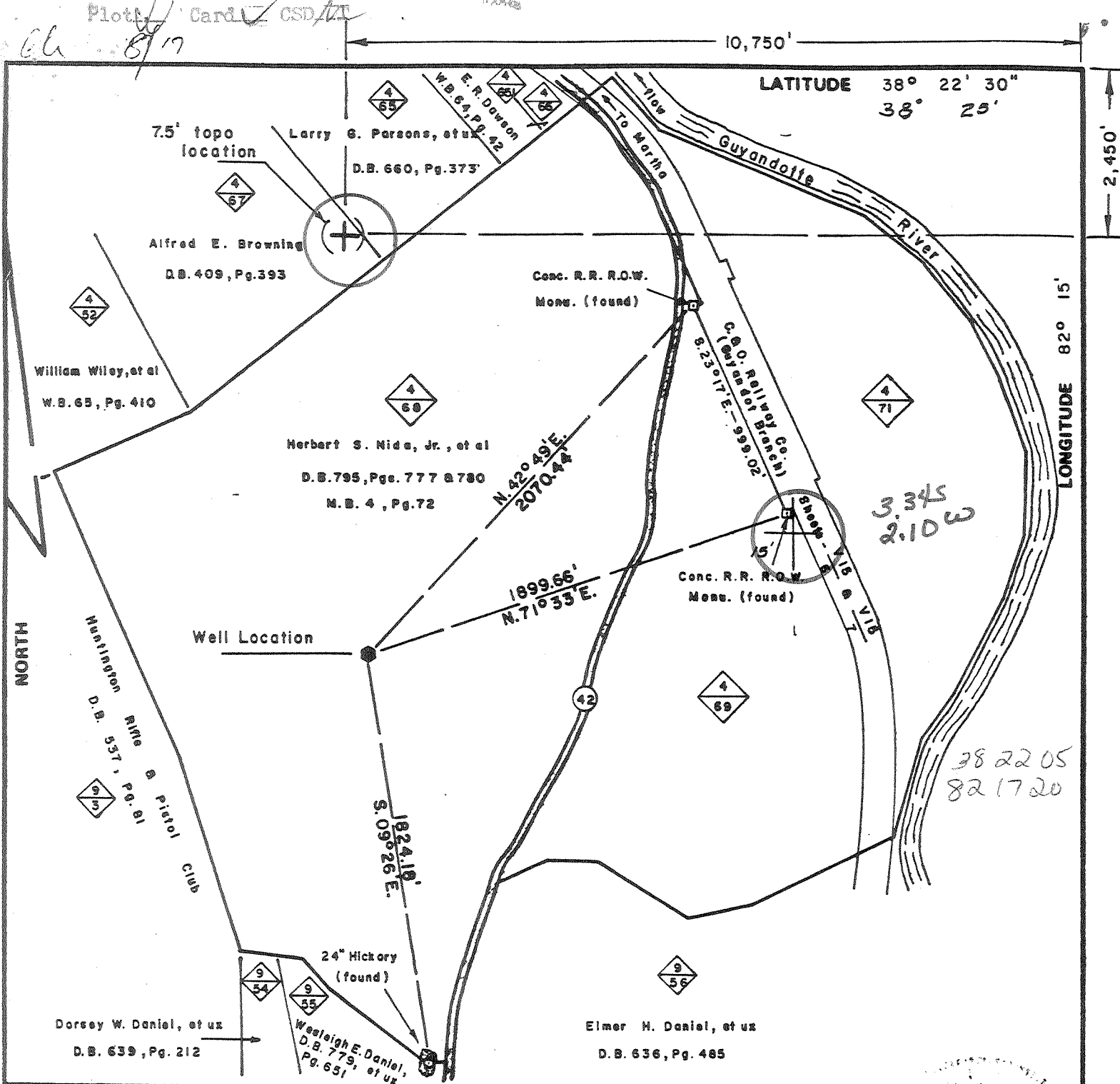


DATE July 29, 19 81
 OPERATOR'S WELL NO. K-69
 API WELL NO. 47-011-0690-P
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 694.05 WATER SHED Guyandotte River
 DISTRICT McComas COUNTY Cabell
 QUADRANGLE Winslow
 SURFACE OWNER Herbert S. Nida, et al ACREAGE 227
 OIL & GAS ROYALTY OWNER Herbert S. Nida, et al LEASE ACREAGE 207
 LEASE NO. _____
 PROPOSED WORK: DRILL X 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 Devolan Shale ESTIMATED DEPTH 3500
 WELL OPERATOR Alfred E. Knobler & Co. DESIGNATED AGENT Glen W. Hall
 ADDRESS P.O. Box 643 ADDRESS P.O. Box 643
Hamlin, West Virginia 25523 Hamlin, West Virginia 25523

MAR 09 1987



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 600'
 MINIMUM DEGREE OF ACCURACY 1:21,300'
 PROVEN SOURCE OF ELEVATION U.S.G.S. Bench Mark "R51", Elevation 570.10

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) Ronald L. Easthe
 R.P.E. _____ L.L.S. 150



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



DATE July 29, 1981
 OPERATOR'S WELL NO. K-69
 API WELL NO. 47-011-0690
 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 X STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 694.05 WATER SHED Guyandotte River
 DISTRICT McComas COUNTY Cabell
 QUADRANGLE Winslow Guyandotte 12' EC
 SURFACE OWNER Herbert S. Nida, et al ACREAGE 227
 OIL & GAS ROYALTY OWNER Herbert S. Nida, et al LEASE ACREAGE 207
 LEASE NO. _____
 PROPOSED WORK: DRILL X 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 Devoian Shale ESTIMATED DEPTH 3500
 WELL OPERATOR Alfred E. Knobler & Co. DESIGNATED AGENT Glen W. Hall
 ADDRESS P.O. Box 643 ADDRESS P.O. Box 643
Hamlin, West Virginia 25523 Hamlin, West Virginia 25523



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division
WELL RECORD

Quadrangle Winslow
Permit No. 47-011-0690

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

Company Alfred E. Knobler
Address Hamlin, WV
Farm Herber Nida, Et Al Acres
Location (waters) _____
Well No. (1) K-69 Elev. 694.05
District McComas County Cabell
The surface of tract is owned in fee by same
Address Salt Rock, WV
Mineral rights are owned by same
Address _____
Drilling Commenced 8-19-81
Drilling Completed 10-15-81
Initial open flow 15 cu. ft. _____ bbls.
Final production 73 cu. ft. per day _____ bbls.
Well open 48 hrs. before test 320' RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 20-16 103/4"	19'	19'	
9 5/8			
8 5/8	359	359	
7	1803	1803	
5 1/2			
4 1/2			
3			
2			
Liners Used			

Well treatment details: Shot with 7500 Lbs. 80% Hercules Gelatin
Attach copy of cementing record.

Coal was encountered at none Feet _____ Inches _____
Fresh water 150 Feet _____ Salt Water 1000 Feet _____
Producing Sand shale Depth 3383'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
clay			0	25		
slate			25	170		
sand			170	218		
slate			218	400		
sand			400	475		
slate			475	540		
sand			540	570		
slate			570	580		
sand			580	700		
slate			700	1100		
salt sand			1100	1180		
slate			1180	1240		
sand			1240	1432		
slate			1432	1450		
big lime			1450	1639		
slate			1639	1653		
lime shell			1653	1670		
slate			1670	1683		
lime shell			1683	1725		
sand			1725	1803		
slate			1803	2140		
shell			2140	2210		

(over)

* Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
slate			2210	2440		
grey shale			2440	2703		
brown shale			2703	2860		
slate			2860	3005		
brown shale			3005	3158		
slate			3158	3232		
brown shale			3232	3263		
slate			3263	3295		
brown shale			3295	<u>3383</u>		

Date April 28 19 82

APPROVED A. E. Knobler

Owner

By Glen W. Hall

(Title)
Director of Operations



RECEIVED

AUG 13 1981

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

DATE 8-12-81

Surface Owner Herbert S. Nida

Company Alfred E. Knobler

Address Salt Rock, West Virginia

Address PO Box 466, Hamlin, WV 25523

Mineral Owner same

Farm Herbert S. Nida, et al Acres 227

Address _____

Location (waters) Guyan River

Coal Owner no coal

Well No. (1) K-69 Elevation 694.05

Address _____

District McComas County Cabell

Coal Operator _____

Quadrangle Winslow

Address _____

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 4-17-82.

INSPECTOR
TO BE NOTIFIED Kenneth Butcher
ADDRESS Barboursville, West Virginia
PHONE 736-4885

J. J. Murray
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 _____ 19____ by _____ made to _____ and recorded on the 28th day of April 19 81 in Cabell County, Book 240 Page 389

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.

Very truly yours, Alfred E. Knobler
(Sign Name) Glenn W. Hall
Glenn Hall, Director of Operations

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

Address _____ Street _____
of _____
Well Operator Hamlin City or Town _____
West Virginia 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.

BLANKET BOND

47-011-0690

PERMIT NUMBER

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

Signed by Glenn W. Hall

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

PROPOSED WORK ORDER TO X DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: _____
 NAME company tools NAME Glenn W. Hall
 ADDRESS Hamlin, WV ADDRESS PO Box 466, Hamlin WV
 TELEPHONE 824-7273 TELEPHONE 824-7273
 ESTIMATED DEPTH OF COMPLETED WELL: 3500 ROTARY _____ CABLE TOOLS X
 PROPOSED GEOLOGICAL FORMATION: _____
 TYPE OF WELL: OIL _____ GAS X 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			
XX 10	20'	20	
9 - 5/8			
8 - 5/8	350'	350'	cement to surface
7	1950'		set on packer
5 1/2			Cement into 8 5/8
4 1/2			
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 125 FEET SALT WATER 900 FEET
 APPROXIMATE COAL DEPTHS none
 IS COAL BEING MINED IN THE AREA? no coal 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

RECEIVED
FEB 26 1987

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.

<u>NONE</u> Coal Operator or Owner	<u>Alfred E. Knobler</u> Name of Well Operator
Address	<u>P.O. Box 466, Hamlin, WV 25523</u> Complete Address
<u>NONE</u> Coal Operator or Owner	<u>K-69</u> <u>Feb 24</u> 19 <u>87</u> WELL AND LOCATION
Address	<u>McComas</u> District
<u>Herbert S. Nida</u> Lease or Property Owner	<u>Cabell</u> County
<u>5318 Route 1, Salt Rock, WV 25559</u> Address	WELL NO. <u>K-69</u>

STATE INSPECTOR SUPERVISING PLUGGING Jerry Tephabock Farm Herbert S. Nida

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Cabell ss:

Larry Bennett and Jesse Clyde Bennett
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 Alfred E. Knobler, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 12 day of March, 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
TD 3383 - 2700	Gel	8 5/8		359
2700 - 2600	Cement			
2600 - 1850	Gel			
1850 - 1750	Cement			
1750 - 1200	Gel Cut and pulled	7" at 1150'	1150	653
1200 - 1050	Cement			
1050 - 400	Gel			
400 - 300	Cement			
300 - 50	Gel			
50 - Surface				
Verbal permission to plug				
Coal Seams				
(Name)				
(Name)				
(Name)				
(Name)				

and that the work of plugging and filling said well was completed on the 12 day of March, 19 86.

And further deponents saith not.

J. Allmar
Notary Public

Sworn to and subscribed before me this 24 day of Feb, 19 87.

My commission expires:
Sept. 18, 1988