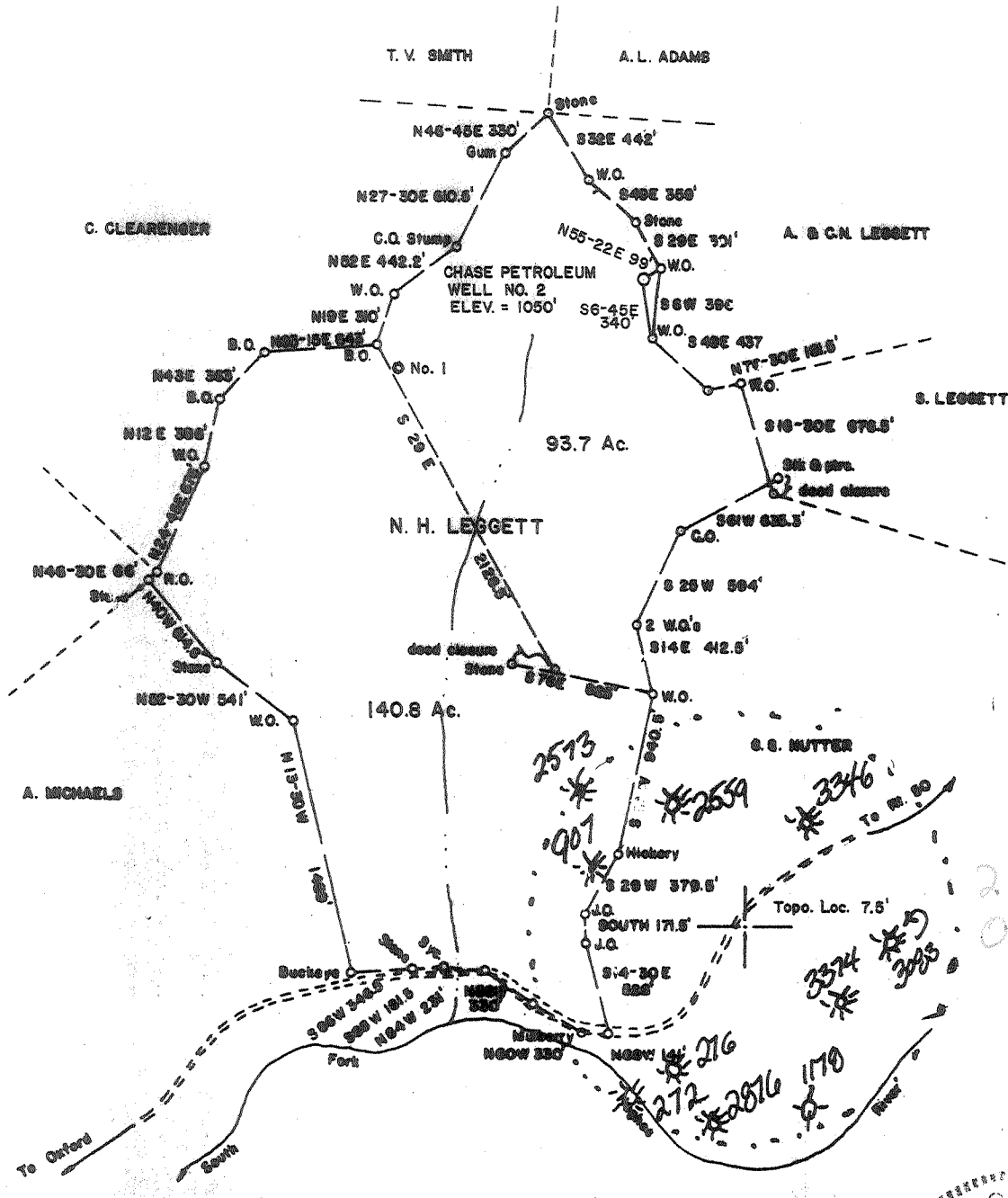


James 1/16/96



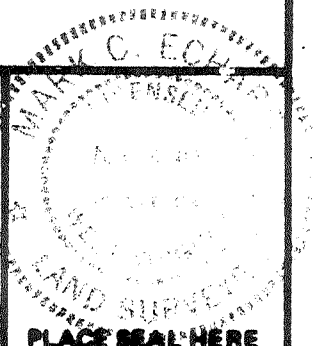
LONGITUDE : 80-50-00

11325' S

FILE NO. _____
 DRAWING NO. _____
 SCALE 1 inch = 1000 feet
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION Top Knob 1200' SE of _____
 Location Elev. = 1182'

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.

Mark C. Echard
 (SIGNED) MARK C. ECHARD
 R.P.E. _____ L.L.S. 49C



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



DATE November 5, 1980
 OPERATOR'S WELL NO. TWO
 API WELL NO. _____
 47 - 017 - 02875 - F
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS ___ LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 1050' WATER SHED South Fork of Hughes River
 DISTRICT Southwest COUNTY Doddridge
 QUADRANGLE Oxford 7.5'
 SURFACE OWNER N.H. Leggett ACREAGE 234.5
 OIL & GAS ROYALTY OWNER N.H. Leggett, et al LEASE ACREAGE 93.7

PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
Well drilled in 1981 by Chase Petco to 5557' Production from Alexander
 PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION ALEXANDER
Benson & Riley Refuse Riley & Commey fac. Balltown

Meridian Exploration, Inc.
 Penn Center West Two, Suite 325
 Pittsburgh, Pennsylvania 15276

REGISTERED AGENT
 ADDRESS _____

John Kizer (CT Corp)
 1200 Charleston National Plaza
 Charleston, wVa. 25301

JUL 22 1996

Plot Card CSD



LONGITUDE: 80-50-00

11325' S

FILE NO. _____
 DRAWING NO. _____
 SCALE 1 inch = 1000 feet
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION Top Knob 1200' SE of Location Elev. = 1182'

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) Mark C. Echard
 MARK C. ECHARD
 R.P.E. _____ L.L.S. 490

PLACE SEAL HERE

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



DATE November 5, 1980
 OPERATOR'S WELL NO. TWO
 API WELL NO. _____
47 - 017 - 2875
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1050' WATER SHED South Fork of Hughes River
 DISTRICT Southwest COUNTY Dodderidge
 QUADRANGLE Oxford 7.5' Nalbritus NC
 SURFACE OWNER N. H. Leggett ACREAGE 234.5
 OIL & GAS ROYALTY OWNER N. H. Leggett, et al LEASE ACREAGE 93.7
 LEASE NO. _____
 PROPOSED WORK: DRILL 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 ALEXANDER ESTIMATED DEPTH 5750'
 WELL OPERATOR CHASE PETROLEUM CORP. DESIGNATED AGENT MR. ALTON SKINNER
 ADDRESS BOX 297 ADDRESS BOX 297 DEC 10 1980
GLENVILLE, W.V. 26351 GLENVILLE, W.V. 26351

6-6 Straight Fork - Bluestone Creek (133)

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Environmental Protection

JAN 10 1997

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas

Permitting
Office of Oil & Gas Well Operator's Report of Well Work

Farm name: LEGGETT, ROY Operator Well No.: STINESPRING #2

LOCATION: Elevation: 1,040.00 Quadrangle: OXFORD

District: SOUTHWEST County: DODDRIDGE
Latitude: 11325 Feet South of 39 Deg. 15Min. 0 Sec.
Longitude 4650 Feet West of 80 Deg. 50 Min. 0 Sec.

Company: MERIDIAN EXPLORATION CORP
PENN CENTER WEST TWO, STE 325
PITTSBURGH, PA 15276-0000

Agent: CT CORP. SYSTEM

Inspector: MIKE UNDERWOOD
Permit Issued: 07/16/96
Well work Commenced: 7/31/96
Well work Completed: 8/22/96
Verbal Plugging
Permission granted on: _____
Rotary Cable _____ Rig
Total Depth (feet) 5358'
Fresh water depths (ft) 294

Salt water depths (ft) None

Is coal being mined in area (Y/N)? N
Coal Depths (ft): None

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
11 3/4"	30	0	
8 5/8"	1439	1439	CTS
4 1/2"	5358	5358	3500'
2"		5150	

OPEN FLOW DATA

Producing formation Riley Pay zone depth (ft) 4045' - 4118'
 Gas: Initial open flow 850 MCF/d Oil: Initial open flow - Bbl/d
 Final open flow 850 MCF/d Final open flow - Bbl/d
 Time of open flow between initial and final tests 0 Hours
 Static rock Pressure 1200 psig (surface pressure) after 24 Hours

Second producing formation Balltown Pay zone depth (ft) 3740' - 3760'
 Gas: Initial open flow 850 MCF/d Oil: Initial open flow - Bbl/d
 Final open flow 850 MCF/d Final open flow - Bbl/d
 Time of open flow between initial and final tests 0 Hours
 Static rock Pressure 1200 psig (surface pressure) after 24 Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: MERIDIAN EXPLORATION CORP.

By: John Guide John Guide
Date: 1/6/97

JAN 21 1997

OPEN FLOW DATA

3RD Producing formation - Speechley. Pay Zone depth (ft) 3350-3370'

Gas: Initial open flow 850 mcf/d No oil

Final Open flow 850 mcf/d No oil

Time of open flow between initial and final tests 0 hrs

Static Rock Pressure 1200 psig (surface pressure) after 24 hrs

RILEY: Perforations 4049'-4059' & 4108'-4118' 4 SPF

Fracture
Treatment: 17,200 lbs of 20/40 Sand X-Link Gel
(0) Nitrogen
250 bbls water

BALLTOWN: Perforations: 3,740'-3,760' 4 SPF

Fracture : 17,500 lbs of 20/40 Sand X-Link Gel
Treatment
Zero (0) Nitrogen
250 bbls water

SPEECHLEY: Perforations: 3,350'-3,370' 4 SPF

Fracture : 17,600 lbs 20/40 Sand X-Link Gel
Treatment
Zero (0) Nitrogen
250 bbls water.



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AUG 25 1981

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

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

Quadrangle Oxford 7.5
Permit No. 47-017-2875

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

Company Chase Petroleum
Address Drawer 369, Glenville, WV 26351
Farm N.H. Leggett, et al Acres 93.7
Location (waters) South Fork of Hughes River
Well No. Stinespring #2 Elev. 1050
District Southwest County Doddridge
The surface of tract is owned in fee by N.H. Leggett, et al
Address Oxford, WV 26414
Mineral rights are owned by N.H. Leggett, et al
Address Oxford, WV
Drilling Commenced March 12, 1981
Drilling Completed March 20, 1981
Initial open flow -0- cu. ft. 0 bbls.
Final production 750,000 cu. ft. per day 0 bbls.
Well open 10 hrs. before test 1750 RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu ft (Sks.)
Size 20-16			
Cond.			
13-10" 11 3/4	30	0	
9 5/8			
8 5/8 23#	1439.45	1439.45	CTS
7			
5 1/2			
4 1/2 10.5#	5358	5358	700 Sks
3			
2			
Lines Used			

Well treatment details:

Attach copy of cementing record.

Fraced Alexander; 5163-5209; 15 holes; 660 bbls. Total Fluid; 20,000 # 80/100
60,000 # 20/40
Fraced Benson; 4734-4894; 12 holes; 650 bbls. Total Fluid; 20,000 # 80/100
50,000 # 40/100
Fraced Riley; 4386-4507; 17 holes; 717 bbls. Total Fluid; 20,000 # 80/100
60,000 # 20/40

Coal was encountered at none Feet _____ Inches _____
Fresh water 294 Feet _____ Salt Water _____ Feet _____
Producing Sand Alexander, Benson, Riley Depth 5163-5209; 4734-4894; 4386-4507
Alex. BNSN RIL

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	• Remarks
Cond.			G.L.	50		
Sand & Shale			50	68		
Sand			68	77		
Sand & Shale			77	93		
Sand			93	116		
Shale & Red Rock			116	125		
Sand & Shale			125	160		
Sand			160	192		
Sand & Shale			192	215		
Sand			215	251		
Red Rock & Shale			251	271		
Sand & Shale			271	277		
Sand			277	314		
Sand & Shale			314	322		
Sand			322	325		
Red Rock & Shale			325	330		
Sand			330	356		
Sand & Shale			356	385		
Shale			385	398		
Sand			398	417		
Shale			417	438		
Red Rock			438	459		
Shale			459	474		
Red Rock & Shale			474	530		

SEP 9 1981

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Sand			530	555		
Sand & Shale			555	595		
Red Rock & Shale			595	654		
Sand			654	662		
Shale			662	785		
Red Rock			785	806		
Sand & Shale			806	823		
Shale			823	1120		
Sand			1120	1127		
Sand & Shale			1127	1620		
Sand			1620	1647		
Shale			1647	1805		
Sand			1805	1852		
Sand & Shale			1852	1906		
Little Lime			1906	1918		
Sand & Shale			1918	1940		
Big Lime & Injun			1940	2075		
Sand & Shale			2075	2244		
Sand			2244	2258		
Sand & Shale			2258	2297		
Sand			2297	2335		
Sand & Shale			2335	2892		
Sand			2892	2940		
Shale			2940	3050		
Sand & Shale			3050	3655		
Shale			3655	3809		
Sand & Shale			3809	3831		
Shale			3831	3845		
Sand & Shale			3845	4895		
Benson			4895	4910		
Sand & Shale			4910	5090		
Sand			5090	5110		
Sand & Shale			5110	5159		
Sand (Alexander)			5159	5220		
Sand & Shale			5220	5557	TD	

Date 8/21 1981

APPROVED Alton Swin Owner

Page 1 of _____
Form WW2-A
(09/87)
Permit Copy

RECEIVED
1) WV Division of Environmental Protection
2)
3) JUL 15 1996

Date: 5-28-96
Operator's well number STINESPRING #2 (1568)
API Well No: 47 - 017 - 2875 - F
State - County - Permit

Permitting
Office of Oil & Gas

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

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface Owner(s) to be served:
(a) Name ROY LEGGETT
Address ROUTE 1 BOX 98
WEST UNION, WV 26456
(b) Name ELMA MAE LEGGETT
Address ROUTE 1 BOX 87
WEST UNION, WV 26456
(c) Name _____
Address _____
6) Inspector MIKE UNDERWOOD
Address ROUTE 2 BOX 135
SALEM, WV 26426
Telephone (304)-782 1043

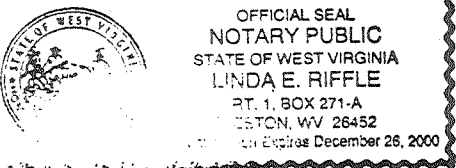
5) (a) Coal Operator:
Name _____
Address _____
(b) Coal Owner(s) with Declaration
Name NO COAL
Address _____
(c) Coal Lessee with Declaration
Name _____
Address _____

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR
 Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)
I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through _____ of the above named parties, by:
 Personal Service (Affidavit attached)
 Certified Mail (Postmarked postal receipt attached)
 Publication (Notice of Publication attached)

I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.
I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.
I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator MERIDIAN EXPLORATION CORP.
By: John Guide JOHN GUIDE
Its: PENN CENTER WEST TWO, SUITE 325
Address PITTSBURGH, PA 15276
(412) 494 0604
Telephone _____



Subscribed and sworn before me this 22nd day of May, 1996
Linda E. Riffle Notary Public
My commission expires December 26, 2000

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil ___ / Gas x /
(If "Gas", Production x / Underground storage ___ / Deep ___ / Shallow x /

LOCATION: Elevation: 1050 Watershed: South Fork of Hughes River

District: Soughwest County: Doddridge Quadrangle: Oxford 7.5

WELL OPERATOR Chase Petroleum
Address PO Drawer 369
Glennville, WV 26351

DESIGNATED AGENT Alton Skinner
Address PO Drawer 369
Glennville, WV 26351

OIL & GAS ROYALTY OWNER N.H. Leggett, et al
Address Oxford, WV 26414

COAL OPERATOR None
Address

Acreage 93.7

COAL OWNER(S) WITH DECLARATION ON RECORD:

SURFACE OWNER N.H. Leggett
Address Oxford, WV 26414

Name No Coal
Address

Acreage 234.5

Name
Address OIL & GAS DIVISION
DEPT. OF MINES

FIELD SALE (IF MADE) TO:
Name Uncommitted
Address

COAL LESSEE WITH DECLARATION ON RECORD:

Name None
Address

OIL AND GAS INSPECTOR TO BE NOTIFIED:
Name Paul Garrett

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed ___ / lease x / other contract ___ / dated November 14, 1980, to the undersigned well operator from N.H. Leggett, et al
(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 x /
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 Department. Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessees 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 GEOPHYSICAL LOGS DIRECTLY TO: BLANKET BOND
OFFICE OF OIL AND GAS
515 Washington Street, East
Charleston, West Virginia 25311

Chase Petroleum
Well Operator
By: Alton Skinner



NOV 17 1980

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY: ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) S.W. Jack Drilling Company
Address Buckhannon, WV 26201

GEOLOGICAL TARGET FORMATION, Alexander

Estimated depth of completed well, 5750 feet Rotary X / Cable tools /

Approximate water strata depths: Fresh, 50 feet; salt, -- feet.

Approximate coal seam depths: No Coal Is coal being mined in the area? Yes / No X /

CASING AND TUBING PROGRAM

Table with columns: CASING OR TUBING TYPE, SPECIFICATIONS (Size, Grade, Weight per ft, New, Used), FOOTAGE INTERVALS (For drilling, Left in well), CEMENT FILL-UP OR SACKS (Cubic feet), PACKERS (Kinds, Sizes, Depths set, Perforations: Top, Bottom)

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-9, "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 § 22-4-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well or dwelling 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 noted 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 7-19-81.

J. E. Murray Deputy Director, Oil & Gas Division

The following waiver must 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 location has 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 proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: _____, 19____

By _____ Its _____