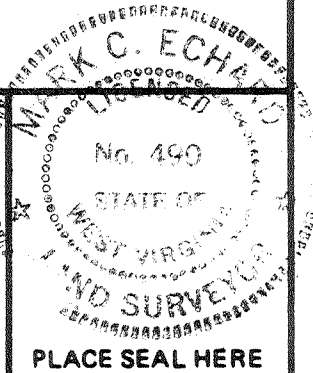


FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION U.S.G.S. B.M. N SIDE
BRIDGE OVER CABIN RUN - EL = 823'

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



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

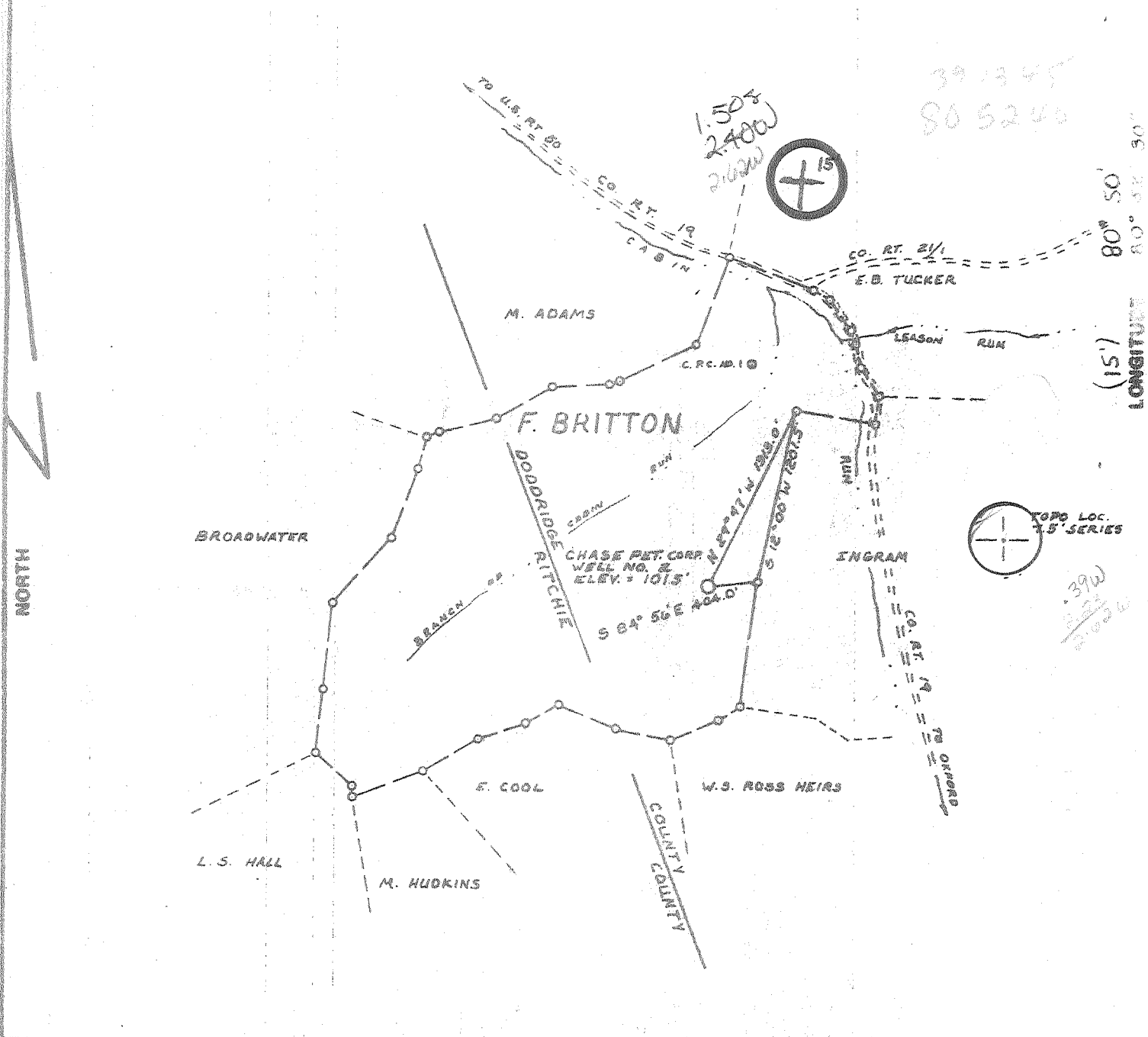


DATE MAY 29, 1980
 OPERATOR'S WELL NO. Two
 API WELL NO. 47-017-02788
 STATE COUNTY PERMIT

DIVISION OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL & GAS
 NITRO, WEST VIRGINIA 25143

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1015 WATER SHED CABIN RUN
 DISTRICT CENTRAL COUNTY DODDRIDGE
 QUADRANGLE PULLMAN 7.5'
 SURFACE OWNER FORREST BRITTON, ET AL ACREAGE 168.6
 OIL & GAS ROYALTY OWNER CAROLYN S. GATON, ET AL LEASE ACREAGE 168.6
 LEASE NO. _____

PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY):
Set temporary plug that will allow drainage with Alexander
5472' down + 7' sand.
 PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION ALEXANDER ESTIMATED DEPTH 5470
 Meridian Exploration Corporation
 Penn Center West Two, Suite 325
 Pittsburgh, Pa. 15276
 John O. Kizer (C.T. Corp)
 1200 Huntington National Plaza
 Charleston, WVa. 25301
 PH: 304-485-4633



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION U.S.G.S. B.M. ALSIDE BRIDGE OVER CABIN RUN - EL = 823'

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. 490

PLACE SEAL HERE

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



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

DATE MAY 29, 1980
 OPERATOR'S WELL NO. TWO
 API WELL NO. 47-017-2788
 STATE WV COUNTY DODDRIDGE PERMIT 2788

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1015 WATER SHED CABIN RUN
 DISTRICT CENTRAL COUNTY DODDRIDGE
 QUADRANGLE PULLMAN 7.5' HOLBROOK 15' NC
 SURFACE OWNER FORREST BRITTON, ET AL ACREAGE 168.6
 OIL & GAS ROYALTY OWNER CAROLYN S. GASTON, ET AL LEASE ACREAGE 168.6
 LEASE NO. _____
 PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X 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 5810
 WELL OPERATOR CHASE PETROLEUM CORP. DESIGNATED AGENT MR. ALTON SKINNER
 ADDRESS P.O. BOX 369 ADDRESS P.O. BOX 297
GLENVILLE, W.V. 26251 GLENVILLE, W.V. 26251

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: BRITTON, FOREST MRS. Operator Well No.: LEGGETT #2-1536

LOCATION: Elevation: 1,015.00 Quadrangle: PULLMAN

District: CENTRAL County: DODDRIDGE
Latitude: 7850 Feet South of 39 Deg. 15Min. 0 Sec.
Longitude 2000 Feet West of 80 Deg. 52 Min. 30 Sec.

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

Agent: CT CORP. SYSTEM

Inspector: MIKE UNDERWOOD
Permit Issued: 03/22/96
Well work Commenced: 4/8/96
Well work Completed: 5/17/96
Verbal Plugging
Permission granted on: _____
Rotary Cable Rig
Total Depth (feet) 5472
Fresh water depths (ft) 1280

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"	1810	1810	CTS
4 1/2"	5380	5380	3480'
2"		5200'	

OPEN FLOW DATA

Producing formation Riley Pay zone depth (ft) 4150'
Gas: Initial open flow 400 MCF/d Oil: Initial open flow - Bbl/d
Final open flow 400 MCF/d Final open flow - Bbl/d
Time of open flow between initial and final tests 0 Hours
Static rock Pressure 700 psig (surface pressure) after 24 Hours

Second producing formation Balltown Pay zone depth (ft) 3850'
Gas: Initial open flow 400 MCF/d Oil: Initial open flow - Bbl/d
Final open flow 400 MCF/d Final open flow - Bbl/d
Time of open flow between initial and final tests 0 Hours
Static rock Pressure 700 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
Date: 1/6/97

RILEY: Perforations 4150'-4,160' + 4182'-4192' 4 SPF
Fracture
Treatment: 13,200 lbs 20/40 sand X-Link Gel
(0) Zero nitrogen
250 bbls water

ALLTOWN: Perforations 3850'-3,860' + 3,920'-3,930 4 SPF
Fracture
Treatment: 12,200 lbs 20/40 sand X-Link Gel
(0) Zero nitrogen
250 bbls water



RECORDED

SEP 22 1980

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

WELL RECORD 7

Quadrangle Pullman 7.5

Permit No. 47-017-2788

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

Company Chase Petroleum
Address Drawer 369, Glenville, WV 26351
Farm Forest Britton Acres 169
Location (waters) Cabin Run
Well No. Britton-Leggett #2 Elev. 1015
District Central County Doddridge
The surface of tract is owned in fee by Forest Britton
Address Oxford, WV
Mineral rights are owned by Carolyn S. Gaston, et al
Address Fairmont, WV 26554
Drilling Commenced July 31, 1980
Drilling Completed August 8, 1980
Initial open flow 200,000 cu. ft. 0 bbls.
Final production 675,000 cu. ft. per day 0 bbls.
Well open 10 hrs. before test 1625 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#	1810	1810	CTS
5 1/2			
4 1/2 10.5#	5380	5380	690 SKS
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Fraced Alexander 5202 - 5248; 15 holes; 669 bbls. total fluid; 20,000 # 80/100
60,000 # 20/40
Fraced Benson 4815 - 4870; 12 holes; 532 bbls. total fluid; 20,000 # 80/100
60,000 # 20/40
Fraced 5th Sand 4305 - 4540; 12 holes; 609 bbls. total fluid; 20,000 # 80/100
60,000 # 20/40

Coal was encountered at no coal Feet _____ Inches _____
Fresh water 1280 Feet _____ Salt Water _____ Feet _____
Producing Sand Alexander, Benson, Fifth Sand Depth 5202-5248, 4815-4870, 4305-4540

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
G.L. Cond.			0	34		
Sand & Shale			34	50		
Sand			50	65		
Sand & Red Rock			65	73		
Sand			73	105		
Sand & Shale			105	120		
Shale			120	136		
Sand			136	184		
Sand & Shale			184	190		
Sand			190	211		
Sand & Shale			211	218		
Sand			218	235		
Sand & Shale			235	244		
Sand			244	255		
Sand & Shale			255	262		
Sand			262	265		
Sand & Shale			265	317		
Red Rock & Shale			317	336		
Sand			336	420		
Red Rock & Shale			420	440		
Sand			440	470		
Sand & Shale			470	479		
Sand			479	523		
Red Rock & Shale			523	536		
Sand			536	557		
Sand & Shale			557	557		

OCT 9 1980

Formation	Color	Hard or Soft	Top Foot	Bottom Foot	Oil, Gas or Water	Remarks
Shale & Red Rock			590	646	Sand & Shale	2115 2195
Sand & Shale			646	670	Sand	2195 2210
Shale			670	691	Sand & Shale	2210 2700
Sand			691	697	Sand	2700 2711
Sand & Shale			697	726	Sand & Shale	2711 4870
Shale & Red Rock			726	738	Benson	-4870 4875
Sand			738	744	Sand & Shale	4875 5209
Shale & Red Rock			744	759	Sand; <u>Alexander</u>	5220 5260
Lime & Sand			759	772	Sand & Shale	5260 5472 TD
Shale & Red Rock			772	787		
Sand			787	790		
Sand & Shale			790	832		
Shale			832	846		
Sand			846	849		
Sand & Shale			849	870		
Shale			870	873		
Sand			873	876		
Sand & Shale			876	896		
Shale			896	912		
Sand			912	928		
Sand & Shale			928	938		
Shale			938	943		
Sand & Shale			943	960		
Sand			960	990		
Sand & Shale			990	1000		
Shale			1000	1007		
Sand			1007	1015		
Sand & Shale			1015	1018		
Sand			1018	1026		
Sand & Shale			1026	1033		
Shale			1033	1047		
Sand & Shale			1047	1060		
Shale			1060	1074		
Sand & Shale			1074	1085		
Sand			1085	1102		
Sand & Shale			1102	1257		
Sand			1257	1310		
Sand & Shale			1310	1450		
Sand			1450	1461		
Sand & Shale			1461	1481		
Sand			1481	1497		
Sand & Shale			1497	1539		
Shale			1539	1560		
Sand & Shale			1560	1572		
White Sand			1572	1620		
Shale			1620	1631		
Sand & Shale			1631	1645		
Sand			1645	1665		
Sand & Shale			1665	1675		
Sand			1675	1703		
Sand & Shale			1703	1709		
Sand			1709	1717		
Sand & Shale			1717	1730		
Sand			1730	1744		
Lime & Sand			1744	1748		
Sand			1748	1770		
Sand & Shale			1770	1778		
Sand			1778	1784		
Lime & Sand			1784	1815		
Lime			1815	1820		
Sand & Shale			1820	1860		
Shale			1860	1879		
Sand & Shale			1879	1921		
Shale			1921	1944		
Sand & Shale			1944	1969		
Big Lime & Injun			1969	2115		

Date September 16 19 80

APPROVED

Alton James

Owner

DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
WELL WORK PERMIT APPLICATION

017 2788 Frac

Permitting Office of Oil & Gas

Well Operator: MERIDIAN EXPLORATION CORP.

31805

①

562

21708

Operator's Well Number: BRITTON LEGGETT #2 (1536)

3) Elevation: 1015

Well type: (a) Oil ___ / or Gas

Issued 03/22/96
Expires 03/22/98

(b) If Gas: Production Deep ___ / Underground Storage ___
Shallow ___

Proposed Target Formation(s): Riley @ 4150' + Balltown @ 3825'

Proposed Total Depth: 5472' feet

7) Approximate fresh water strata depths: 1280'

8) Approximate salt water depths: N/A

9) Approximate coal seam depths: NONE

10) Does land contain coal seams tributary to active mine? Yes ___ / No

11) Proposed Well Work: Set plug. Perforate + Frac Riley @ 4150'. Perforate and Frac Balltown @ 3825'. Drill plug

12)

CASING AND TUBING PROGRAM

*Complete with
fracture
production*
*Existing
from well
record*

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor	11 3/4"			30	0	
Fresh Water						
Coal						
Intermediate	8 5/8"		23	1810	1810	CTS
Production	4 1/2"		10.5	5380	5380	3480' (814 ft ³)
Tubing						
Liners						

PACKERS : Kind _____ N/A
Sizes _____
Depths set _____

For Division of Oil and Gas Use Only

Fee(s) paid: Well Work Permit Reclamation Fund

Plat WW-9 WW-2B Bond

Blanket
(Type)

WPCP

Agent

RECEIVED
WV Div. of
Environmental Protection

MAR 06 1996

- 1) Date: 2/29/96
- 2) Operator's well number
BRITTON LEGGETT #2 (1536)
- 3) API Well No: 47 - 017 - 2788 - 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 MRS. FOREST BRITTON
Address ROUTE 1 BOX 89
PENNSBORO, WV 26415
 - (b) Name _____
Address _____
 - (c) Name _____
Address _____
- 5) (a) Coal Operator:
 - Name _____
Address _____
 - (b) Coal Owner(s) with Declaration
Name CAROLYN S. GASTON
Address 1231 BELLAIRE STREET
FAIRMONT, WV 26554
 - Name _____
Address _____
 - (c) Coal Lessee with Declaration
Name _____
Address _____
- 6) Inspector MIKE UNDERWOOD
Address ROUTE 2 BOX 135
SALEM, WV 26456
Telephone (304)-782 1043

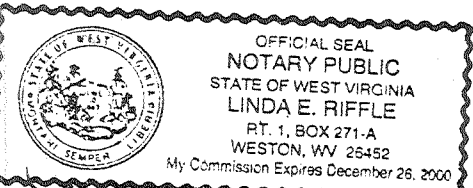
TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

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 _____ on 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: JENN CENTER WEST TWO, SUITE 325
 Address PITTSBURGH, PA 15276
(412) 494 0604
 Telephone _____



subscribed and sworn before me this 26th day of February, 1996

Linda E. Riffle Notary Public
My commission expires December 26, 2000



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

RECEIVED
JUL 14 1980
OIL & GAS DIVISION
DEPT. OF MINES

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

Surface Owner Forest Britton et ux
Address Oxford, WV.
Mineral Owner Carolyn S. Gaston et al
Address Fairmont, WV. 26554
Coal Owner No Coal
Address _____
Coal Operator None
Address _____

DATE 6/5/80
Company Chase Petroleum
Address Glenville, WV. 26351
Farm F. Britton Acres 168.6
Location (waters) Cabin Run
Well No. 2 Elevation 1015
District Central County Doddridge
Quadrangle Pullman 7-1/2

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 3-14-81

Paul Burnett
Deputy Director - Oil & Gas Division

INSPECTOR
TO BE NOTIFIED Paul Garrett
ADDRESS Clarksburg, WV. 26301
PHONE 623-3871

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 Feb. 20, 1979 by Gussie Leggett et al made to Alton Skinner and recorded on the 26th day of Feb. 1979 in Doddridge County, Book 107 Page 481

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 N/A 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,
(Sign Name) Alton Skinner
Well Operator
P.O. Drawer 369
Street
Glenville,
City or Town
West Virginia 26351
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

47-017-2788

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 Alton Skinner

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

PROPOSED WORK ORDER TO DRILL DEEPEN FRACTURE STIMULATE

DRILLING CONTRACTOR: (If Known) S.W. Jack Drilling Co. RESPONSIBLE AGENT: Alton Skinner
 ADDRESS Buckhannon, WV. 26201 ADDRESS Glenville, WV. 16351
 TELEPHONE 472-9403 TELEPHONE 462-8916
 ESTIMATED DEPTH OF COMPLETED WELL: 5810 ROTARY CABLE TOOLS
 PROPOSED GEOLOGICAL FORMATION: Alexander

TYPE OF WELL OIL GAS COMB. STORAGE DISPOSAL
 RECYCLING WATER FLOOD OTHER

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	FEET IN WELL	CEMENT LIFT UP OR SACKS CUBIC FT
20 1/4			
13 1/4 11'	20'	-0-	
9 5/8			
8 5/8 23#	1900	1900	GTS
7			
5 1/2			
4 1/2 10.5#	5800	5800	3850
3			Feet Top
2			Feet Bottom
1 1/2			Feet Top
1			Feet Bottom

APPROXIMATE FRESH WATER DEPTHS 30 FEET SALT WATER 500 FEET
 APPROXIMATE COAL DEPTHS No Coal
 IS COAL BEING MINED IN THE AREA? No BY WHOM? N/A

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 ~~twelve~~ 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