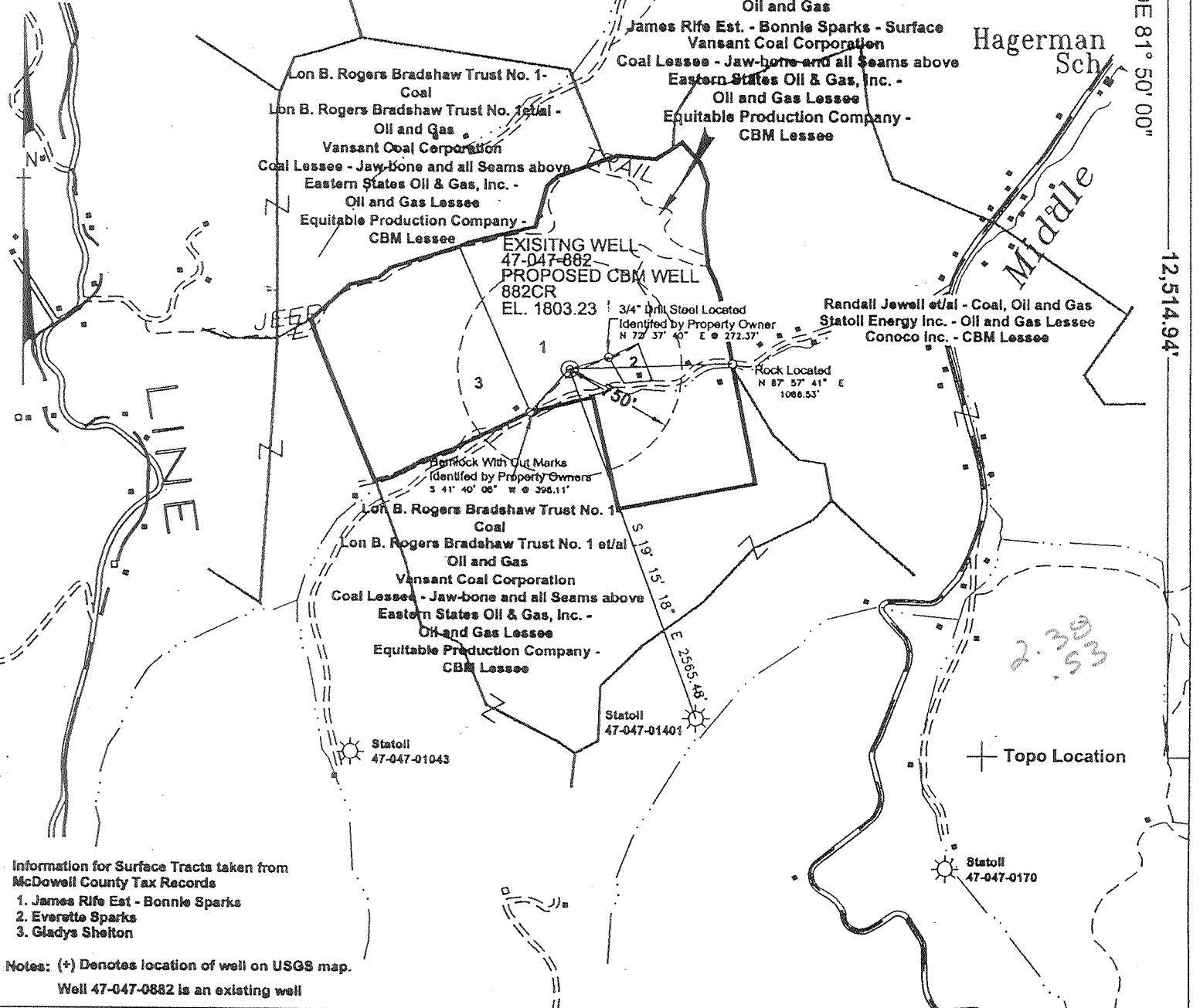


STATE PLANE COORDINATES
(NAD 27 Datum)
N 110,002.5716
E 1,754,811.6490
Latitude 37.29903344
Longitude 81.84285891

2770.21'
LATITUDE 37° 20' 00"

LONGITUDE 81° 50' 00"

12,514.94'

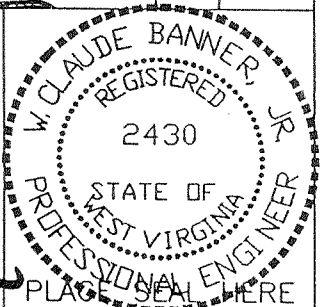


Information for Surface Tracts taken from
McDowell County Tax Records
1. James Rife Est - Bonnie Sparks
2. Everette Sparks
3. Gladys Shelton

Notes: (+) Denotes location of well on USGS map.
Well 47-047-0882 is an existing well

FILE No. 8-16-00-1SP
DRAWING NAME \47-047-0830\830CB
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY 1 : 2500
PROVEN SOURCE OF ELEVATION Global Positioning System (GPS)

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) *[Signature]*
R.P.E. 2430 R.P.S.



STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
NITRO, WV

DATE AUGUST 15 2000
OPERATOR'S WELL No. 882CR
API WELL No. 47 - 047 - 00882C
STATE COUNTY PERMIT

WELL TYPE: OIL GAS CBM LIQUID INJECTION WASTE DISPOSAL
(IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW

LOCATION: ELEVATION 1803.23 WATER SHED TRIBUTARY OF MIDDLE FORK OF BRADSHAW CREEK
DISTRICT SANDY RIVER COUNTY McDOWELL
QUADRANGLE BRADSHAW, WV

SURFACE OWNER JAMES RIFE EST. - BONNIE SPARKS ACREAGE ± 35 TAX MAP 344 PARCEL 59
CBM ROYALTY OWNER LON B. ROGERS BRADSHAW TRUST No. 1 ET/AL LEASE ACREAGE 3836.13
LEASE No. 497895L

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
PLUG AND ABANDON CLEAN OUT AND REPLUG

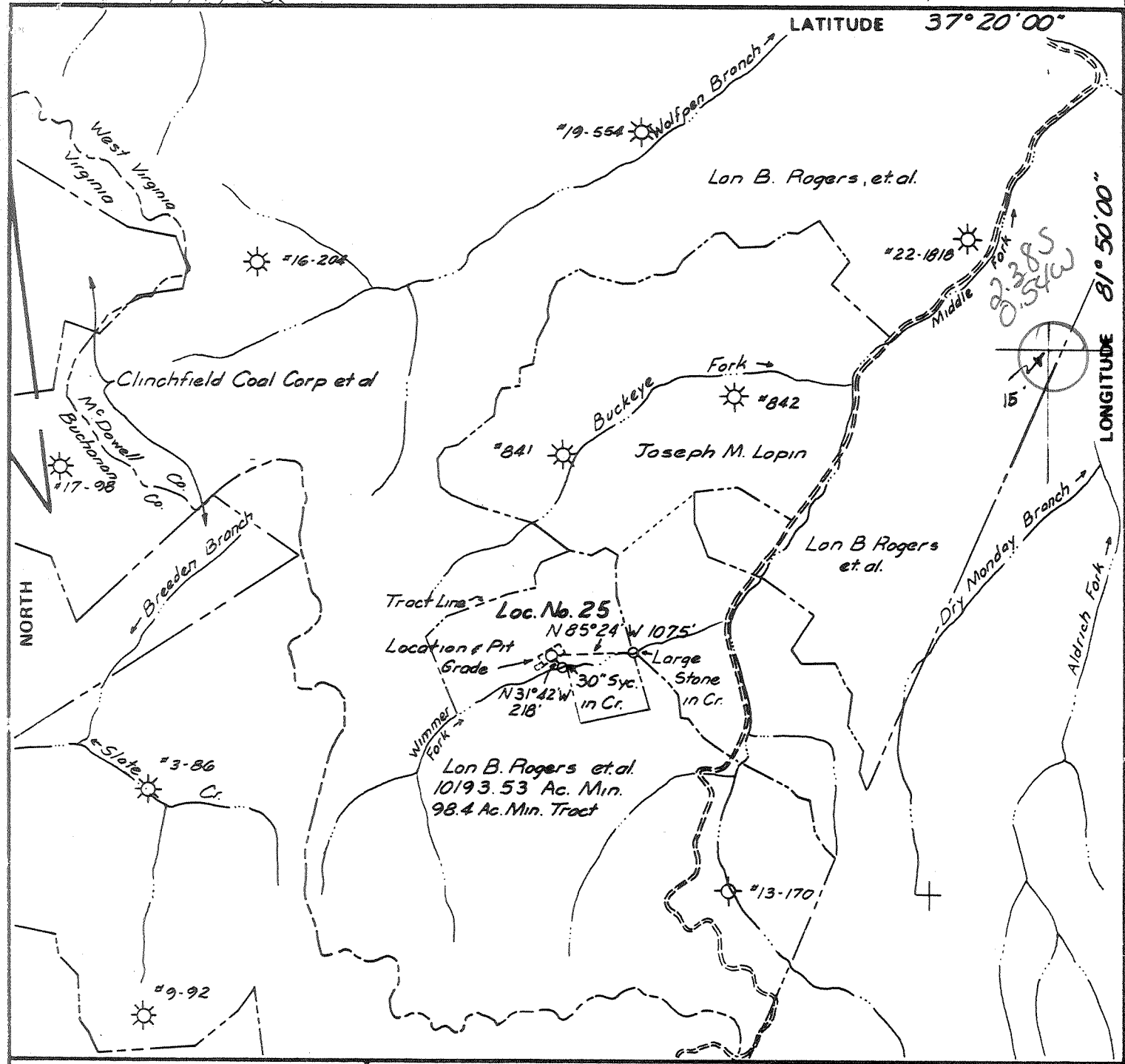
TARGET FORMATION PENNSYLVANIAN COALS ESTIMATED DEPTH _____
WELL OPERATOR EQUITABLE PRODUCTION COMPANY DESIGNATED AGENT LARRY AYLESTOCK SEP 08 2000
ADDRESS 1710 PENNSYLVANIA AVENUE ADDRESS P.O. BOX 1550
CHARLESTON, WV 25328 CLARKSBURG, WV 26302

DEEP WELL

McDOWELL 0882C

6/17/82

2720'



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 2000'
 MINIMUM DEGREE OF ACCURACY 1 in 260
 PROVEN SOURCE OF ELEVATION USC&GS BM Metal Disk K-191 Elev. 1464.04

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) John D. Burkett
 R.P.E. 1442 L.L.S. _____

PLACE SEAL HERE

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



DATE May 24, 1982
 OPERATOR'S WELL NO. 25-Ser 094931
 API WELL NO. 47-047-0882
 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 X SHALLOW ___
 LOCATION: ELEVATION 1796.1 WATER SHED Wimmer Fork of Middle Fork of Bradshaw Cr. of Dry Fork
 DISTRICT Sandy River COUNTY McDowell
 QUADRANGLE Bradshaw Jaeger 15' Sc
 SURFACE OWNER James H. Riffe ACREAGE 35
 OIL & GAS ROYALTY OWNER Lon B. Rogers et al LEASE ACREAGE 10,193.53
 LEASE NO. 5859
 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 Onondaga ESTIMATED DEPTH 6591
 WELL OPERATOR Ashland Exploration, Inc DESIGNATED AGENT Forrest Burkett
 ADDRESS P.O. Box 391 Ashland Ky 41114 ADDRESS P.O. Box 156 Brenton W.V. 24818

JUL 12 1982



IV-35
(Rev 8-81)

RECEIVED

JAN 10 1983

State of West Virginia

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

Department of Mines
Oil and Gas Division

Date 1/6/83

Operator's

Well No. 25

Farm Lon Rogers

API No. 47 - 047 - 0882

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil ___ / Gas X / Liquid Injection ___ / Waste Disposal ___ /
(If "Gas," Production X / Underground Storage ___ / Deep ___ / Shallow ___ /)

LOCATION: Elevation: 1796 Watershed Wimmer Fork of Middle Fork of Bradshaw Creek of
District: Sandy River County McDowell Quadrangle Bradshaw Dry Fork

COMPANY Ashland Exploration, Inc.
ADDRESS P. O. Box 391 Ashland, KY 41114
DESIGNATED AGENT Forrest Burkett
ADDRESS P. O. Box 156 Brenton, WV 24818
SURFACE OWNER James F. Riffe
ADDRESS Box 38 Jolo, WV 24850
MINERAL RIGHTS OWNER Fon Rogers II
ADDRESS 150 Bell Ct., E. Lexington, KY 40508
OIL AND GAS INSPECTOR FOR THIS WORK Rue
Schoolcraft ADDRESS Box 706 Pineville, WV 24874
PERMIT ISSUED 7/6/82
DRILLING COMMENCED 8/27/82
DRILLING COMPLETED 9/10/82
IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED
ON

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.	36'	36'	20 sks
13-10"			
9 5/8			
8 5/8	1718'	1718'	200 sks
7			
5 1/2			
4 1/2	6800'	6800'	515 sks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Onondaga Lime Depth 6591 feet
Depth of completed well 6823 feet Rotary X / Cable Tools
Water strata depth: Fresh 100 feet; Salt 723 feet
Coal seam depths: None Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Devonian Shale, Berea, B. Lim Pay zone depth 3761 feet *see back*
Gas: Initial open flow 6343 Mcf/d Oil: Initial open flow ___ Bbl/d
Final open flow 5180 Mcf/d Final open flow ___ Bbl/d
Time of open flow between initial and final tests 3 hours
Static rock pressure 775 psig (surface measurement) after 24 hours shut in
(If applicable due to multiple completion--)
Second producing formation ___ Pay zone depth ___ feet
Gas: Initial open flow ___ Mcf/d Oil: Initial open flow ___ Bbl/d
Final open flow ___ Mcf/d Oil: Final open flow ___ Bbl/d
Time of open flow between initial and final tests ___ hours
Static rock pressure ___ psig (surface measurement) after ___ hours shut in

JAN 17 1983

(Continue on reverse side)

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

- Devonian Shale - Perf 42H/^{Chico Well}6508-6696'; foam frac w/75 quality foam and 50,000# 20/40 sand, 770 MCF N₂ @ 30 B/M. ATP 2350#, MTP 2550#, ISIP 1300#, TL&FW 357 Bbls., TSLF 220 Bbls.
2nd Stage perf 45H/5743-6081'; foam frac w/75 quality foam w/50,000# 20/40 sand, 780 MCF N₂ @ 12 B/M w/12 balls MTP 3300#, ATP 3150#, ISIP 3250#. TL&FW 331 Bbls., TSLF 168 Bbls.
- Berea - Perf 22H/4643-4649'; foam frac w/75 quality foam, 40,000# 20/50 sand, 522 MCF N₂ BD @ 2500# ATP 2650# MTP 2750# ISIP 2150# TSLF 136 Bbls., TL&FW 235 Bbls.
- Big Lime - Perf 12H/3761-3766; Acidize w/2000 gal. 15% HCl BD @ 900# ATP 900# @ 7 B/M MTP 900#, ISIP-Vacuum, TL&AW 107 Bbls.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Sand & Shale			0	290	Fresh Water @ 100'
Shale			290	350	
Shale & Sand			350	615	
Shale			615	723	
Salt Sand			723	1644	Saltwater @ 723'
Shale			1644	1742	
Sand			1742	1855	
Shale			1855	1990	
Sand			1990	2100	
Shale			2100	2227	
Avis Limestone			2227	2287	
Shale			2287	2350	
Sand			2350	2408	
Shale & Sand			2408	2608	
Upper Maxton			2608	2637	
Shale & Sand			2637	2835	
Middle Maxton			2835	2891	
Shale & Sand			2891	3085	6508 6696
Lower Maxton			3085	3130	4649 4649
Shale			3130	3210	1859 2049
Little Lime			3210	3310	
Pencil Cave			3310	3373	
Big Lime			3373	3965	Show of Gas
Shale			3965	4036	
Weir			4036	4261	
Shale			4261	4585	
Coffee Shale			4585	4603	
Berea			4603	4673	
Devonian Shale			4673	6771	
Onondaga Limestone			6771	TD	
DTD			6823		
LTD			6817		

(Attach separate sheets as necessary)

Ashland Exploration, Inc.

Well Operator

By: Derek S. Hina Derek S. Hina, Engineering Tech.

Date: 1/6/83

Note: Regulation 2.02(i) provides as follows:
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."



STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS - DEPARTMENT OF MINES

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil / Gas /

(If "Gas", Production / Underground storage / Deep / Shallow /

LOCATION: Elevation: 1796.1 Watershed: Wimmer Fork of Middle Fork of Bradshaw Cr. of
District: Sandy River County: McDowell Quadrangle: Bradshaw Dry Fork

WELL OPERATOR Ashland Exporation, Inc.
Address P. O. Box 391
Ashland, KY 41114

DESIGNATED AGENT Forrest Burkett
Address P.O. Box 156
Brenton, WV 24818

OIL AND GAS ROYALTY OWNER Fon Rogers, II
Address 150 Bell Court, East
Lexington, KY 40508
Acreage 10193.53

COAL OPERATOR None
Address _____

SURFACE OWNER James H. Riffe
Address Box 38
Jolo, WV 24850
Acreage 35

COAL OWNER(S) WITH DECLARATION ON RECORD:
NAME Fon Rogers, II
Address 150 Bell Court, East
Lexington, KY 40508
NAME Lon B. Rogers
Address Box 181
Pikeville, KY 41505

FIELD SALE (IF MADE) TO:
NAME _____
Address _____

COAL LESSEE WITH DECLARATION ON RECORD:
NAME Jewell Ridge Coal Co.
Address Jewell Ridge, VA 24622

OIL AND GAS INSPECTOR TO BE NOTIFIED:

RECEIVED

NAME Rue Schoolcraft
Address P. O. Box 706
Pineville, WV 24874
Telephone (304) 732-7245

JUN 17 1982

FROSH
c/o Bank of Mt. Hope
Mt. Hope, WV 25880

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease / other contract / dated Sept 5, 1947, to the ~~undersigned well operator~~ from Lon B. Rogers et al.

United Producing Co., Inc.

(If said deed, lease, or other contract has been recorded:)

Recorded on Nov 1, 1947, in the office of the Clerk of County Commission of

McDowell County, West Virginia, in Deed 177 Book at page 137. A permit is requested as follows:

PROPOSED WORK: Drill / Drill Deeper / Redrill / Fracture or stimulate / 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 receipt of this Application by the Dept. 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 Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
1613 WASHINGTON ST., E.
CHARLESTON, WV 25311
Telephone - 304/348-3092

Ashland Exporation, Inc.
Well Operator
By: John H. Burtnett
John H. Burtnett
Its: Regional Civil Engineer

BLANKET BAND

(Revised 3-81)

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) Ray Resources Drilling Company

Address 2101 Washington Street, East

Charleston, WV 25311

GEOLOGICAL TARGET FORMATION Onondaga Lime

Estimated depth of completed well 6591 feet. Rotary X / Cable tools /
Approximate water strata depths: Fresh, feet; salt, top of feet.
Approximate coal seam depths: No open mines. salt sand
Is coal being mined in this area: Yes / No X /

CASINGS AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL UP OR SACKS Cubic ft.	PACKERS
	Size	Grade	Weight per ft	New	Used	For Drilling	Left in Well		
Conductor	13 3/8	H-40	48	X		30	30		Kinds
Fresh water									
Coal									Sizes
Intermed.	8 5/8	K-55	24	X		1639	1639		
Production	4 1/2	K-55	10.5	X		6591	6591	As Required	Depths set
Tubing									
Liners									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 §22-4-11b 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 §22-4-2a from the owner of any water well or drilling within 200 feet of the proposed well.

Appropriate Form IV-2 shall not be required for fracturing or stimulating a well unless 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,

ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY

APPROVED FOR drilling. THIS PERMIT SHALL EXPIRE

IF OPERATIONS HAVE NOT COMMENCED BY 3-6-83

BY [Signature]

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:

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

Reviewed

Well Operator's Report of Well Work

Farm Name: ROGERS, LON Operator Well No.: 882 CR (Rogers 25)

LOCATION: Elevation: 1,803.23 Quadrangle: BRADSHAW
District: SANDY RIVER County: McDOWELL

Latitude: 12,514.94 Feet South of Deg. 37 Minutes 20 Seconds 0
Longitude: 2770.21 Feet West of Deg. 81 Minutes 50 Seconds 0

Company: EQUITABLE PRODUCTION COMPANY
P.O. Box 2347, 1710 Pennsylvania Avenue
Charleston, WV 25328

Agent: Steve Perdue

Inspector: OFIE HELMICK

Permit issued: 9/7/00
Well work commenced: 09/22/00
Well work completed: 01/11/01

Verbal Plugging

Permission granted on:

Rotary Rig X Cable Rig

Total Depth 6823 feet

Fresh water depths (ft)

Salt water depths (ft)

Is coal being mined in area?

Coal Depths (ft):

Table with 4 columns: Casing & Tubing Size, Used in Drilling, Left in Well, Cement Fill Up Cu. Ft.
Rows: 4-1/2" (6800', 6800', 515 sx), 1-1/2" (1425'), RECEIVED stamp (FEB 27 2001), WV Division of Environmental Protection

OPEN FLOW DATA

Producing formation Firecreek/Poco 8,6,5,4,3 Pay Zone Depth (ft): See Attach for details
Gas: Initial open flow 0 Bbl/d
Final open flow 168 Final open flow:
Time of open flow between initial and final tests Hours
Static rock pressure 300 psig (surface pressure) after Hours
Second producing formation Pay Zone Depth (ft):
Gas: Initial open flow MCF/d Oil: Initial open flow Bbl/d
Final open flow: MCF/d Final open flow:
Time of open flow between initial and final tests Hours
Static rock pressure psig (surface pressure) after 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: BLAZER ENERGY CORPORATION

By: [Signature]
Date: 2/23/01

MAR 02 2001

McDOW 0882

EQUITABLE PRODUCTION COMPANY
WR-35 COMPLETION REPORT - Attachment
Well Treatment Summary

Well: Rogers 882 CR

API# 47-047-00882

Date	10/4/2000				
Type Frac Acid, N ₂ , Foam, Water	70 Q Foam				
Zone Treated	Firecreek Poco 8,6,5,4,3				
# Perfs From - To:	23 881-1320.5				
BD Pressure @ psi	1523				
ATP psi	2500				
Avg. Rate, B=B/M, S= SCF/M	34 B Foam				
Max. Treat Press psi	2850				
ISIP psi	1700				
Frac Gradient	2.09				
10 min S-I Pressure	1505				
	5 min				
Material Volume					
Sand-sks	107				
Water-bbl	534				
SCF N ₂	659,600				
Acid-gal	970 gal 7.5 %				
NOTES:					

RECEIVED
 Office of Oil & Gas
 Permitting

 FEB 27 2001

 WV Division of
 Environmental Protection

TOP

BASE

FORMATION

REMARKS*
 PREVIOUSLY REPORTED

4-½" cut @ 1668', treated coals through 8-5/8"
 Re-ran 4-½" & patched back together plus 8-
 5/8"x4-½" inflatable packer @ 1427'.
 Original Shale, Berea & Big Lime production
 Restored through 4-½". Coal gas being produced
 through 1.9" tubing installed in 8-5/8"x4-½"
 annulus.

FEB 27 2001