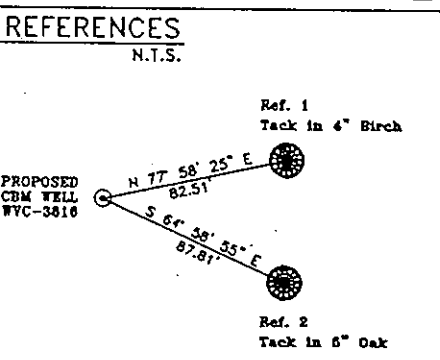
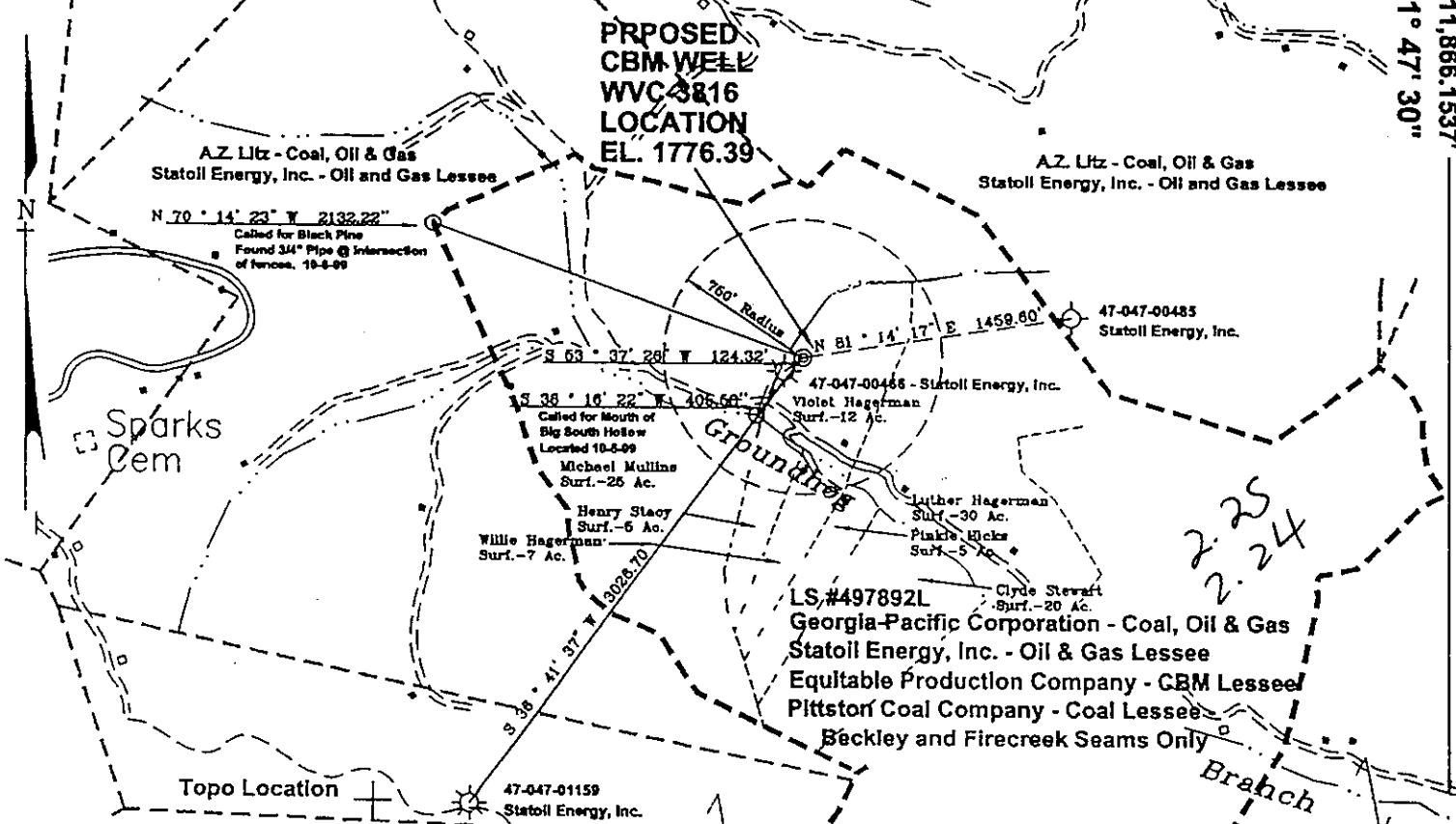


**STATE PLANE COORDINATES**  
 (NAD 27 Datum)  
 N 125,665.3473  
 E 1,758,140.4322  
 Latitude 37.34212916  
 Longitude 81.83189978

11,798.9803'  
 LATITUDE 37° 22' 30"

LONGITUDE 81° 47' 30"  
 11,866.1537'



Lon Rogers et al - Coal, Oil & Gas  
 Statoll Energy, Inc. - Oil and Gas Lessee  
 Equitable Production Company - CBM Lessee

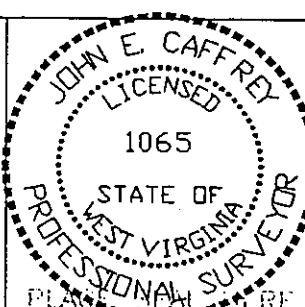
Georgia-Pacific Corporation - Coal, Oil and Gas  
 Lease # 497892L - 810.95 Ac.  
 Statoll Energy, Inc. - Oil and Gas Lessee  
 Pittston Coal Company - Coal Lessee - Beckley and Firecreek Seams Only  
 Equitable Production Company - CBM Lessee  
 Violet Hagerman - Surface 12 Ac.

Note: (+) Denotes location of well on USGS map.

FILE No. Equitable-99  
 DRAWING NAME WVC-3816\WVC-3816  
 Drawing Number 9-27-99-1SP  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1 : 2500  
 PROVEN SOURCE OF ELEVATION USGS B.M.  
Estep

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 MIN.S.

(SIGNED) [Signature]  
 R.P.E. R.P.S. 1065



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

DATE OCTOBER 12 19 99  
 OPERATOR'S WELL No. WVC-3816  
 API WELL No. 47 - 047 - 014400

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

LOCATION: ELEVATION 1776.39 WATER SHED GROUNDHOG BRANCH OF BRADSHAW CREEK  
 DISTRICT SANDY RIVER COUNTY McDOWELL  
 QUADRANGLE BRADSHAW, WV - VA

SURFACE OWNER VOILET HAGERMAN ACREAGE 12.00  
 CBM ROYALTY OWNER GEORGIA-PACIFIC CORPORATION LEASE ACREAGE 810.95

LEASE No. 497892L

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 PENNSYLVANIAN COALS ESTIMATED DEPTH MAY 12 2000  
 WELL OPERATOR EQUITABLE PRODUCTION COMPANY DESIGNATED AGENT LARRY AYLESTOCK  
 ADDRESS 1989 EAST STONE DRIVE ADDRESS P.O. BOX 1550  
KINGSPORT, TN 37660 CLARKSBURG, WV 26302

10-6-383

Mc Dow 1440 C



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

Well: WVC-3816

API# 47-047-01440

Date	7/29/2000	7/29/2000				
Type Frac						
Acid, N <sub>2</sub> , Foam, Water	70 Q Foam	70 Q Foam				
Zone Treated	Poca 7,5,4,3,1	Beckley Firecreek				
# Perfs	14	12				
From - To:	1190-1505	813-918				
BD Pressure @ psi	1827	1337				
ATP psi	3535	3373				
Avg. Rate, B=B/M, S= SCF/M	39 B Foam	39 B Foam				
Max. Treat Press psi	4200	3659				
ISIP psi	1830	1236				
Frac Gradient	1.83	2.45				
10 min S-I Pressure	1204 5 min	925 5 min				
Material Volume						
Sand-sks	119	120				
Water-bbl	547	593				
SCF N <sub>2</sub>	810,000	683,000				
Acid-gal	590 gal 7.5%	600 gal 7.5%				
NOTES:						

TOP	BASE	FORMATION
0	10	Overburden
10	15	Sand Shale
15	25	Sandstone
25	96	Sand Shale
96	97	Coal
97	175	Sandstone
175	177	Coal
177	215	Sandstone
215	300	Sand Shale
300	410	Sandstone
410	411	Coal
411	465	Sand Shale
465	480	Sandstone
480	481	Coal
481	525	Sandstone
525	526	Coal
526	609	Sand Shale
609	610	Coal
610	655	Sandstone
655	674	Sand Shale
674	807	Sandstone
807	813	Sand Shale
813	817.5	Beckley
916	918	Firecreek
1189	1192	Poca 5
1260.5	1262	Poca 4
1339.5	1341	Poca 3
1397	1400	Poca 2
1504	1505.5	Squire Jim
1630		Mauch Chunk
1765		TD

REMARKS\*

