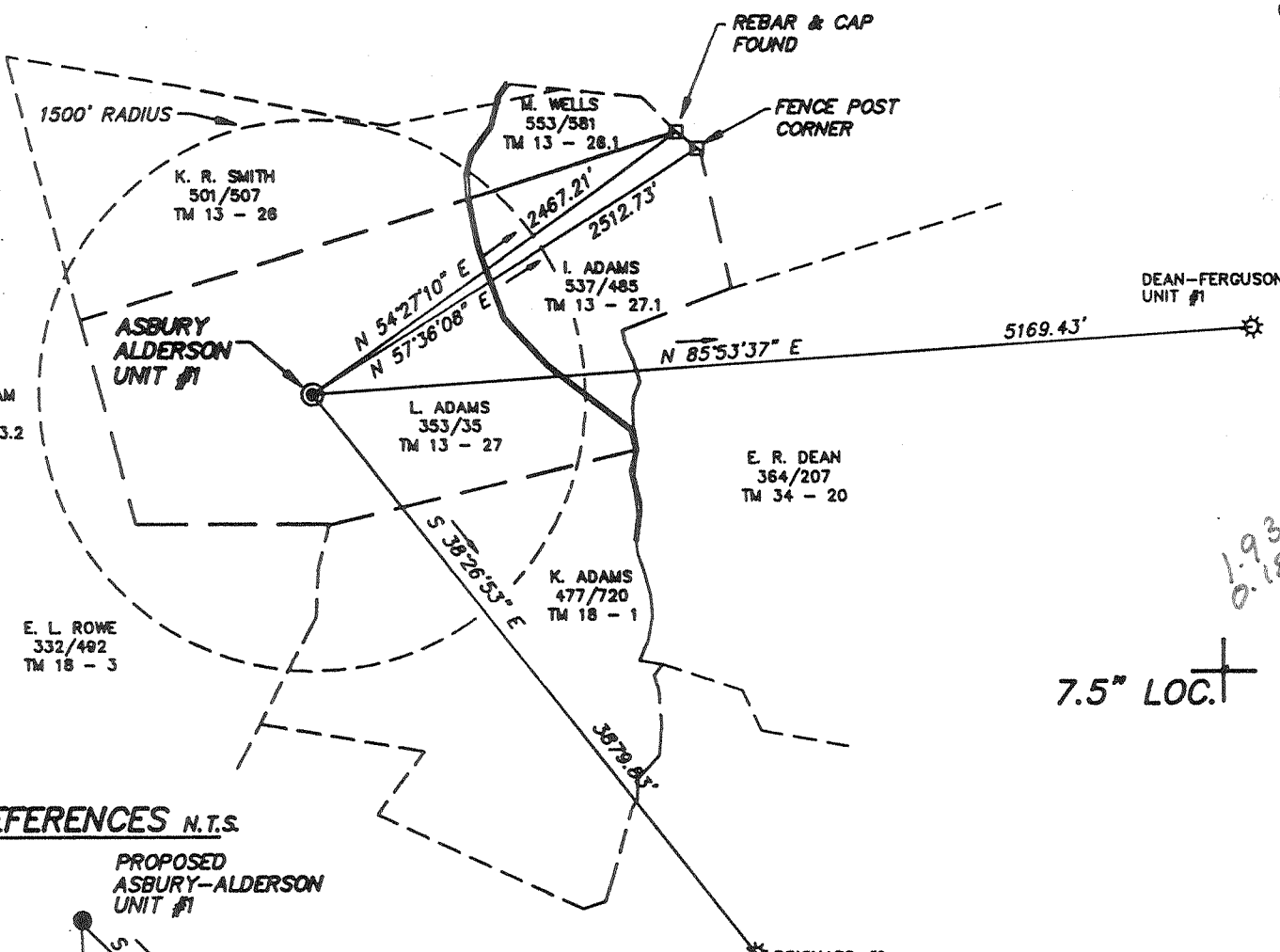


1,000'

LATITUDE 38° 12' 30"

LONGITUDE 82° 27' 30"

Jamil
8/25/93



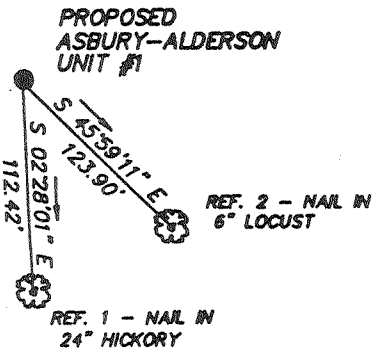
DEAN-FERGUSON UNIT #1

7.5" LOC.†

1.93
0.18

4.81
2.45

REFERENCES N.T.S.

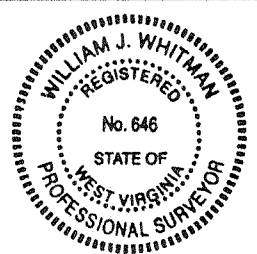


(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE No 8723-273
 DRAWING No. ASBURY-ALDER. 1
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 : 2500
 PROVEN SOURCE OF ELEVATION SPOT ELEV. 1155
ON TOP OF KNOB

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) William J. Whitman
 R.P.E. _____ R.P.S. 646



PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE JULY 13 19 93
 OPERATOR'S WELL No. ASBURY-
 API WELL No. ALDERSON UNIT 1
47 099 - 1874

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___ STATE COUNTY PERMIT
 (IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 1071.01 WATER SHED WEST FORK OF TWELVEPOLE CREEK NOT: 099-1872
 DISTRICT UNION COUNTY WAYNE
 QUADRANGLE WAYNE, W. VA. NW

SURFACE OWNER LUCIAN ADAMS ACREAGE _____
 OIL & GAS ROYALTY OWNER BARNEY ASBURY & L. ALDERSON LEASE ACREAGE _____
 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 Bequia ESTIMATED DEPTH 4350'
 WELL OPERATOR CABOT OIL & GAS CORP. DESIGNATED AGENT STEVE TURK
 ADDRESS P.O. BOX 1473 ADDRESS P.O. BOX 1473
DEEP WELL CHARLESTON, W. VA. 5-0 Sidney (353) CHARLESTON, W. VA.

FORM IV-6 (8-78)

WEST VIRGINIA WAYNE

CABOT O&G
1 ASBURY BARNEY &
EL: 1071 GR

API 47-099-21874

* PERMIT 1874
38.12.30 82.27.30
10000 S 1000 W
WD WD (D&A)
EAST LYNN-CRETE

SPUD: 11/03/93 **COMP:** 11/10/93 **PROJ DEPTH/FM:** 4350 BIG SIX

CONTR: NOT RPTD

DTD: 4327 **FM/TD:** SILURIAN (11/10/93)

COMP 11/10/93, D&A

LOC DESC: UNION DIST; WAYNE 7.5 QUAD; EAST LYNN-CRETE FLD(DEVONIAN) 15 MI S HUNTINGTON,
WV; LAT: 3818087 LONG: 8246181

CASING: 16 @ 40, 9 5/8 @ 771 W/270 SX, 7 @ 2474 W/100 SX;

DRLR TOPS:

SALT SD	1090	-19	BEREA	2306	-1235
B/ SALT SD	1495	-424	B/ BERA	3388	-2317
BIG LIME	1495	-424	ONONDAGA	3388	-2317
B/ BIG LIME	1780	-709	B/ ONONDAGA	4112	-3041
BIG INJUN	1780	-709	BIG SIX	4112	-3041
B/ BIG INJUN	2306	-1235			

TD 4327 -3256

SUBSEA MEASUREMENTS FROM GR;

DRLG SHOWS: 148-148 FWTR 716-719 COAL 1169-1169 SWTR

(OVER)

COPYRIGHT 1998 PETROLEUM INFORMATION/DWIGHTS LLC

DATE 06/03/98 CARD #00065-AB

WEST VIRGINIA WAYNE

CABOT O&G
1 ASBURY BARNEY &
EL: 1071 GR

API 47-099-21874

* PERMIT 1874
38.12.30 82.27.30
10000 S 1000 W
WD WD (D&A)
EAST LYNN-CRETE

(CONTINUED)

OPER ADD: BOX 1473, CHARLESTON, WV;

DATE 06/03/98 CARD # 00065-AB

RECEIVED

WV Division of Environmental Protection

(not 099 1872) 099-1874

Issued 08/26/93

Page 08/26/95 of

FORM WW-2B

AUG 13 93

STATE OF WEST VIRGINIA

DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS

Office of Oil & Gas WELL WORK PERMIT APPLICATION

- 1) Well Operator: Cabot Oil & Gas Corporation ¹⁴⁹ 8145 ① 659
- 2) Operator's Well Number: Asbury-Alderson Unit #1 3) Elevation: 1071.01
- 4) Well type: (a) Oil ___ / or Gas X /
(b) If Gas: Production X / Underground Storage ___ /
Deep X / Shallow ___ /
- 5) Proposed Target Formation(s): Big Six 553
- 6) Proposed Total Depth: 4350 feet
- 7) Approximate fresh water strata depths: 550, 660
- 8) Approximate salt water depths: 1200, 1940
- 9) Approximate coal seam depths: 578, 690
- 10) Does land contain coal seams tributary to active mine? Yes X / No ___ /
- 11) Proposed Well Work: Drill & complete gas well
- 12) Based on Wayne 962, 979, 1276

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor	20"	L.S.	94	30	30	30 sks GFS 38CR18-1/2
Fresh Water	13-3/8"	L.S.	54.5	750	750	540 sks CTS
Coal	9-5/8"	L.S.	32.2	1900	1900	650 sks CTS 38CR 18-1/2
Intermediate	7"	J-55	23	3430	3430	570 sks CTS
Production	4-1/2"	J-55	10.5	4300	4300	90 sks
Tubing						38CR18-1/2
Liners						

PACKERS : Kind _____
 Sizes _____
 Depths set _____

For Division of Oil and Gas Use Only

10975 / 15
 Fee(s) paid: Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-2B Bond Blanket Agent
 (Type)

17786

1) Date: 7/20/93
2) Operator's well number
Asbury-Alderson Unit #1
3) API Well No: 47 - 099 - 1874
State - County - Permit

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

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- 4) Surface Owner(s) to be served:
 (a) Name Lucian Franklin Adams et al
 Address 1557 Big Branch Road
Rt. 1, Box 1557 Wayne, WV 25570
 (b) Name _____
 Address _____
 (c) Name _____
 Address _____
- 5) (a) Coal Operator:
 Name Not Operated
 Address _____
 (b) Coal Owner(s) with Declaration
 Name Columbia Coal Gasification
 Address attn: George Billings
P.O. Box 1180, Ashland, KY 41101
 Name _____
 Address _____
- 6) Inspector Ofie Helmick
 Address P.O. Box 218
Fanrock, WV 24834
 Telephone (304)- 732- _____
- (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
X 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)
X 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 Cabot Oil & Gas Corporation
 By: David D. Payne
 Its: Manager of Drilling
 Address 3 Gateway Center, Suite 2000
Pittsburgh, PA 15222-1011
 Telephone (412) 594-7000

Subscribed and sworn before me this 2nd day of August, 1993

My commission expires _____ Notary Public

Notarial Seal
 Jeffrey L. Keim, Notary Public
 Murrysville Boro, Westmoreland County
 My Commission Expires March 11, 1996



STATE OF WEST VIRGINIA
OIL AND GAS CONSERVATION COMMISSION
#10 McJUNKIN ROAD
NITRO, WEST VIRGINIA 25143-2506

August 26, 1993

Division of Environmental Protection
Office of Oil and Gas
#10 McJunkin Road
Nitro, West Virginia

RE: Application for Permit #47-099-01874 to drill deep well.

COMPANY: Cabot Oil and Gas Corporation

FARM: Lucian Adams/Asbury - Alderson Unit #1

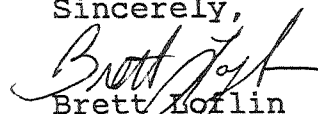
COUNTY: Wayne DISTRICT: Union QUAD: Wayne

The application of the above company is Approved for Big Six.
(Approved or Disapproved)

Applicant has complied with the provisions of Chapter twenty-two, eight (22-8), of the Code of West Virginia, nineteen hundred and thirty-one (1931), as amended, Oil and Gas Conservation Commission as follows:

- 1.) Provided a certified copy of duly acknowledged and recorded consent and easement form from all surface owners; **yes**
- 2.) Provided a tabulation of all deep wells within one mile of the proposed location, including the Api number of the deep well, well name, and the name and address of the operator and; ***yes**
- 3.) Provided a plat showing that the proposed location is a distance of 700 feet from the nearest unit boundary and showing the following wells drilled to or capable of producing from the objective formation within 3,000 feet of the proposed location.

Sincerely,


Brett Loflin
Petroleum Engineer

*4,700 feet to 47-099-01276

*5,150 feet to 47-099-00962

JAN 24 1996

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Division, one copy 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.

Farm name: Adams, Lucian Franklin Operator Well No.: Asbury/Alderson #1

LOCATION: Elevation: 1071.01 Quadrangle: Wayne, WV
District: Union County: Wayne
Latitude: 10000 Feet South of 38 Deg. 12 Min. 30 Sec.
Longitude 1000 Feet West of 82 Deg. 27 Min. 30 Sec.

Well Type: OIL _____ GAS X

Company: Cabot Oil & Gas Corporation Coal Operator Columbia Coal Gasificatio
400 Fairway Drive, Suite 400 or Owner P.O. Box 1180
Coraopolis, PA 15108 Ashland, KY 41101

Agent: David G. McCluskey Coal Operator _____
or Owner _____

Permit Issued: _____

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of _____ ss:

G.W. Shoffner and Carlos Loudin Jr. 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 the above named well operator, and participated in the work of plugging and filling the above well, and Ofie Helmick Oil and Gas Inspector representing the Director, say that said work was commenced on the 11th day of November, 1993, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
6% Gel	4331	4150		
Cement	4150	3950		
6% Gel	3950	3500		
Cement	3500	3350		
6% Gel	3350	2550		
Cement	2550	2400		
6% Gel	2400	548		
Cement	548	448		
6% Gel	448	300		
Cement	300	0		

Description of monument: 7" Monument
and that the work of plugging and filling said well was completed on the 11th day of November, 1993.

And further deponents saith not.

Sworn and subscribe before me this 11th day of DECEMBER, 1995
My commission expires: JUNE 17, 1996

Notary Seal
Cynthia M. Bowles, Notary Public
Chartiers Twp., Washington County
My Commission Expires June 17, 1996

G.W. Shoffner
Carlos Loudin Jr.
Cynthia M. Bowles
Notary Public

Member, Pennsylvania Association of Notaries
Oil and Gas Inspector: _____