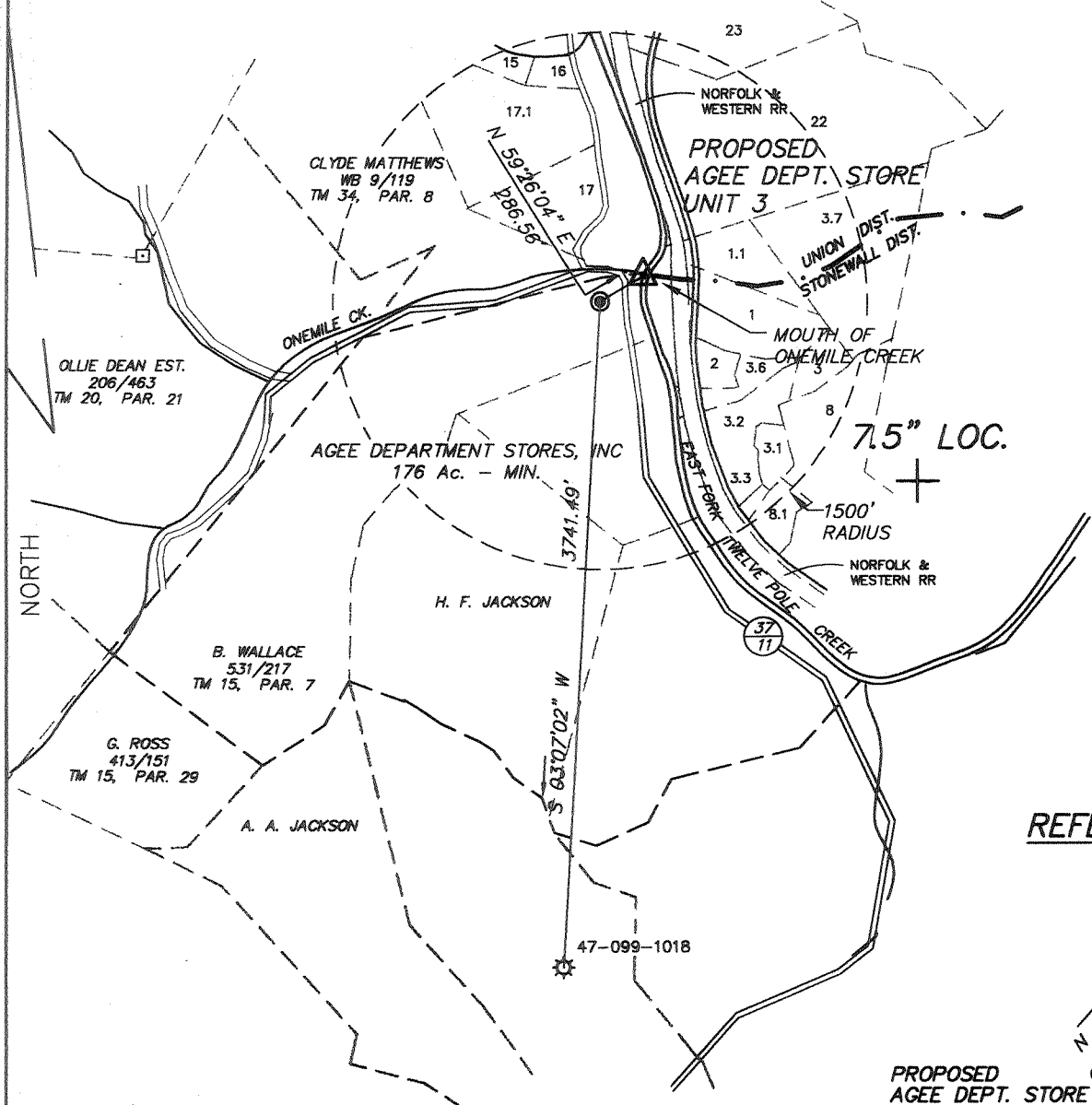


LATITUDE 38° 12' 30"

LONGITUDE 82° 25' 00"

Janice
9/25/96



REFERENCES N.T.S.

REF. 2 - NAIL IN DOUBLE 4" SUGAR MAPLE

REF. 1 - NAIL IN 5" MAPLE

PROPOSED AGEE DEPT. STORE UNIT #3

NO WELLS LOCATED WITHIN 3000' OF PROPOSED LOCATION

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

FILE No 8723-473
 DRAWING No. AGEE UNIT 3
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 : 2500
 PROVEN SOURCE OF ELEVATION SPOT ELEV. ON TOP OF KNOB EL. 1155

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 MAY 17 19 96
 OPERATOR'S WELL No. AGEE UNIT 3
 API WELL No. _____

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___ STATE 47 COUNTY 099 PERMIT 01898
 (IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 661.63 WATER SHED EAST FORK OF TWELVE POLE CREEK
 DISTRICT STONEWALL COUNTY WAYNE
 QUADRANGLE WAYNE, W. VA.

SURFACE OWNER B. WALLACE ACREAGE 75
 OIL & GAS ROYALTY OWNER AGEE DEPARTMENT STORES, INC. LEASE ACREAGE _____

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 Big Six ESTIMATED DEPTH 3900' MAY 23 1997
 WELL OPERATOR CABOT OIL & GAS CORP. DESIGNATED AGENT DAVID McCLUSKEY
 ADDRESS P.O. BOX 1473 ADDRESS P.O. BOX 1473
CHARLESTON, W. VA. CHARLESTON, W. VA.

FORM IV-6 (8-78)

WAY 1898

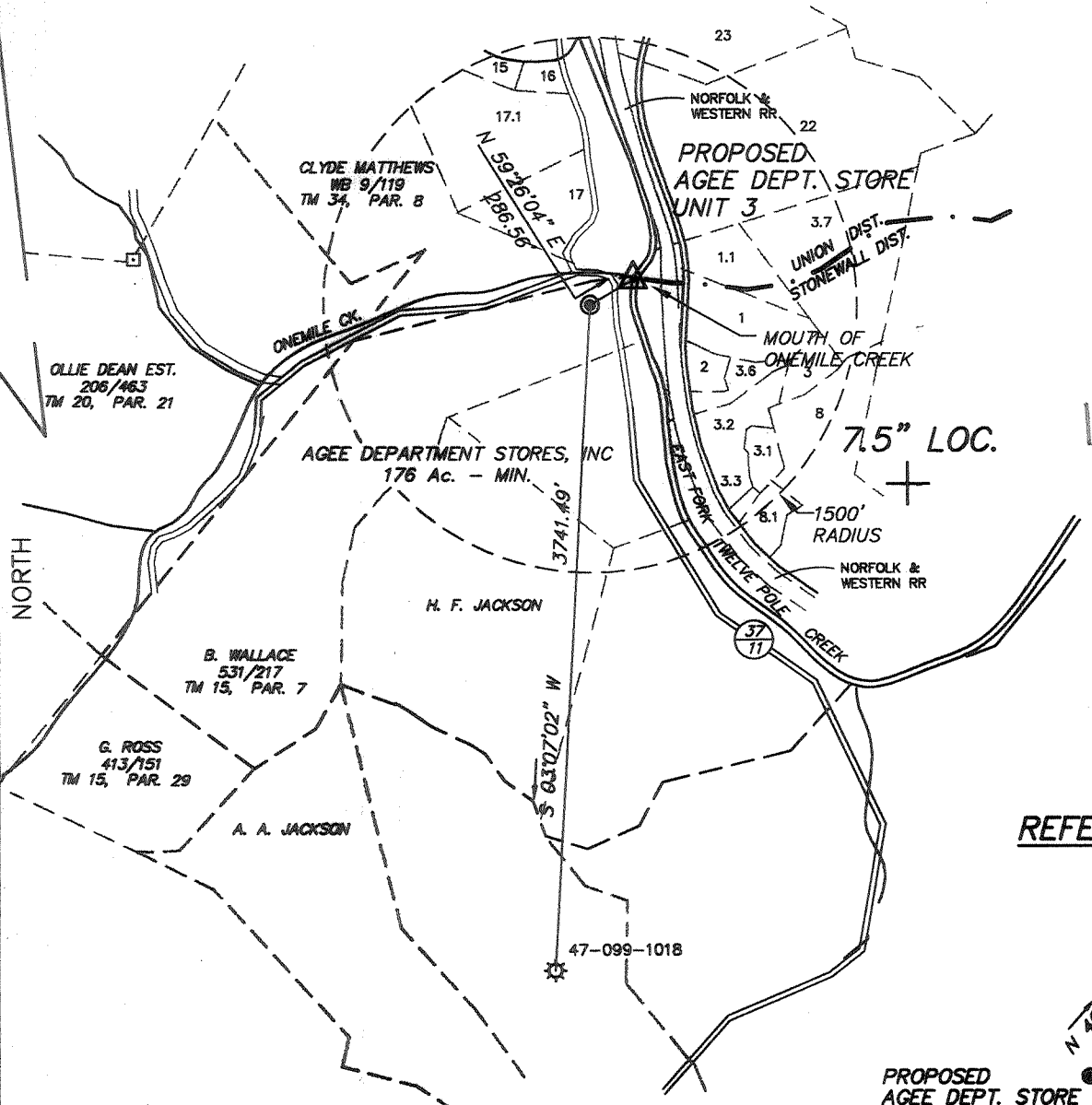
DEEP WELL

HO unnamed (000)

Jamie
9/25/96

LATITUDE 38° 12' 30"

LONGITUDE 82° 25' 00"



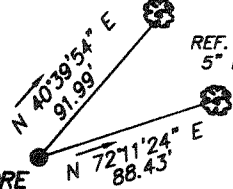
1.46S
1.04W

REFERENCES N.T.S.

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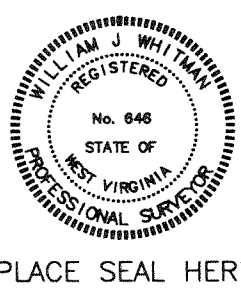
PROPOSED AGEE DEPT. STORE UNIT #3



NO WELLS LOCATED WITHIN 3000' OF PROPOSED LOCATION
(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE No 8723-473
DRAWING No. AGEE UNIT 3
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY 1 : 2500
PROVEN SOURCE OF ELEVATION SPOT ELEV. ON TOP OF KNOB EL. 1155

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.S. 646
R.P.E. _____ R.P.S. 646



STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION



DATE MAY 17 19 96
OPERATOR'S WELL No. AGEE UNIT 3
API WELL No. _____

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___ STATE 47 COUNTY 099 PERMIT 01898
(IF "GAS") PRODUCTION ___ STORAGE X DEEP ___ SHALLOW ___
LOCATION: ELEVATION 661.63 WATER SHED EAST FORK OF TWELVE POLE CREEK
DISTRICT STONEWALL COUNTY WAYNE
QUADRANGLE WAYNE, W. VA.

SURFACE OWNER B. WALLACE ACREAGE 75
OIL & GAS ROYALTY OWNER AGEE DEPARTMENT STORES, INC. 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 ___ ESTIMATED DEPTH 3900'
TARGET FORMATION Big Six
WELL OPERATOR CABOT OIL & GAS CORP. DESIGNATED AGENT DAVID McCLUSKEY
ADDRESS P.O. BOX 1473 ADDRESS P.O. BOX 1473
CHARLESTON, W. VA. CHARLESTON, W. VA.

WEST VIRGINIA WAYNE

CABOT O&G
3 AGEE DEPARTMENT
EL: 662 GR

API 47-099-21898

* PERMIT 1898
38.12.30 82.25.00
7750 S 5550 W
D D (D&A)
SIDNEY

SPUD: 11/12/96 **COMP:** 11/20/96 **PROJ DEPTH/FM:** 3900 BIG SIX

CONTR: JACK S W DRLG RIG #36 (R)
DTD: 3932 **FM/TD:** KEEFER (11/18/96)

COMP 11/20/96, D&A

LOC DESC: STONEWALL DIST; WAYNE 7.5 QUAD; 75 AC LSE; LAT: 3818705 LONG: 8243598
CASING: 16 @ 34, 9 5/8 @ 442 W/160 SX, 7 @ 1613 W/80 SX;

DRLR TOPS:

BIG LIME	1108	-446	ONONDAGA	3042	-2380
B/ BIG LIME	1281	-619	B/ ONONDAGA	3718	-3056
BIG INJUN	1281	-619	LOCKPORT	3718	-3056
B/ BIG INJUN	1886	-1224	B/ LOCKPORT	3754	-3092
BEREA	1886	-1224	BIG SIX	3754	-3092
B/ BEREA	2009	-1347	B/ BIG SIX	3793	-3131
DEVONIAN SH	2009	-1347	KEEFER	3793	-3131
B/ DEVONIAN SH	3042	-2380			

TD 3932 -3270

SUBSEA MEASUREMENTS FROM GR;

(OVER)

COPYRIGHT 1998 PETROLEUM INFORMATION/DWIGHTS LLC

DATE 06/17/98 CARD # 00125-AB

WEST VIRGINIA WAYNE

CABOT O&G
3 AGEE DEPARTMENT
EL: 662 GR

API 47-099-21898

* PERMIT 1898
38.12.30 82.25.00
7750 S 5550 W
D D (D&A)
SIDNEY

(CONTINUED)

DRLG SHOWS: 106-106 FWTR; 165-168 COAL; 173-176 COAL; 775-775 SWTR
OPER ADD: BOX 1473, CHARLESTON, WV, 25325;

DATE 06/17/98 CARD # 00125-AB

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

Deepwell

- 1) Well Operator: Cabot Oil & Gas Corporation ¹⁴⁹ 81415- ⁽⁵⁾ 659
- 2) Operator's Well Number: Agee Dept. Store # 3 3) Elevation: 661.63
- 4) Well type: (a) Oil ___ / or Gas X /
(b) If Gas: Production X / Underground Storage
Deep X / Shallow
- Proposed Target Formation(s): Big Six ⁵⁴⁸
- Proposed Total Depth: 3900 feet
- Approximate fresh water strata depths: 65, 145, 269, 315
- Approximate salt water depths: 775, 825, 1408, 1530
- 9) Approximate coal seam depths: 168', 246'
- 10) Does land contain coal seams tributary to active mine? Yes X / No ___ /
- 11) Proposed Well Work: Drill and complete a gas well
- 12) Based on Wayne 1018, 1255, 1276 and coal company maps

*Drilled 09/24/96
Expires 09/24/98*

RECEIVED
WV Division of
Environmental Protection
JUN 17 1996
Permitting
Office of Oil & Gas

22186

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT	
	Size	Grade	Weight per ft.	For drilling		Left in well
Conductor	16"	L.S.	65#	30'	30'	10SKS (gfs)
Fresh Water						<i>3850' @ 11.3 3850' @ 11.22</i>
Coal	9 ⁵ / ₈ "	L.S.	26#	400'	400'	160SKS (cts)
optional Intermediate	*7"	L.S.	20#	1600'	650'	70SKS
Production	4 ¹ / ₂ "	M-70	11.6#	3850'	3850'	110SKS
Tubing						<i>38 CS 11.1</i>
Liners						

PACKERS : Kind _____
Sizes _____
Depths set _____

For Office of Oil and Gas Use Only

Fee(s) paid: Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-2B Bond Agent
 (Type) *Blumfeld*

4394

- 1) Date: July 8, 1996
- 2) Operator's well number
Agee Dept. Store #3
- 3) API Well No: 47 - 099 - 1898
State - County - Permit

Revised

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 Bazil & Jo Ann Wallace
Address Rt. 1 Box 1569
Wayne, WV 25570
 - (b) Name _____
Address _____
 - (c) Name _____
Address _____
- 5) (a) Coal Operator:
 - Name Not Operated
Address _____
 - (b) Coal Owner(s) with Declaration
 - Name William Agee 502 Woodland Drive
Address Huntington, WV 25705
 - Robert W. Agee 508 Foster Road
Name Huntington, WV 25701
 - Address Kathryn Atkins Trust c/o Bank One, N
P.O. Box 171 Huntington, WV 25706
 - (c) Coal ~~XXXXXX~~ with Declaration
 - Name Erle Pettus III 294 La Patera Lane
Address Goleta, CA 93117
 - Suzanne P. Cartmell 24 Roble Court
Berkley, CA 94705
- 6) Inspector Richard S. Campbell
Address P.O. Box 77
Sumerco, WV 25567
Telephone (304)-524-7939

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT: Jeffrey Pettus
110 Yeargan Place
OR Chapel Hill, NC 25716

 Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR Chapel Hill, NC 25716
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.

RECEIVED
WV Division of
Environmental Protection
JUL 15 1996

Well Operator Cabot Oil & Gas Corporation
 By: [Signature]
 Its: Engineering Manager
 Address 400 Fairway Drive Suite 400
Coraopolis, PA 15108
 Telephone (412)299-7000

Subscribed and sworn before me this 9th day of July, 1996

Susan Gubba
May 2, 2000

Notarial Seal
 Susan Gubba, Notary Public
 Robinson Twp., Allegheny County
 My Commission Expires May 2, 2000

My commission expires _____