

2400' W

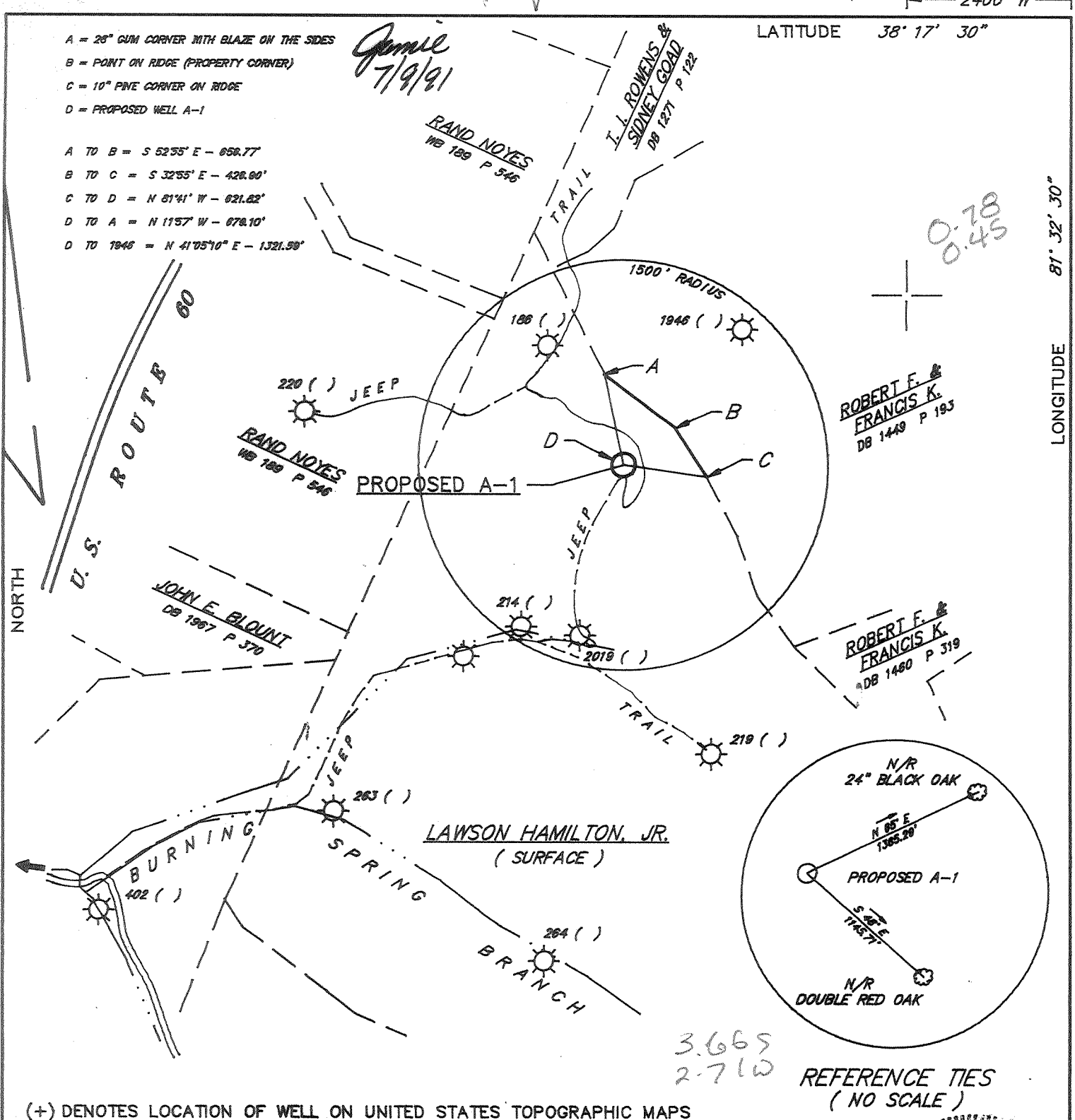
LATITUDE 38° 17' 30"

LONGITUDE 81° 32' 30"

- A = 28° GUM CORNER WITH BLAZE ON THE SIDES
- B = POINT ON RIDGE (PROPERTY CORNER)
- C = 10° PINE CORNER ON RIDGE
- D = PROPOSED WELL A-1

*Jamie 7/9/91*

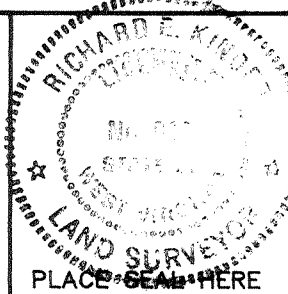
- A TO B = S 52°55' E - 658.77'
- B TO C = S 32°55' E - 428.80'
- C TO D = N 81°41' W - 621.82'
- D TO A = N 11°57' W - 878.10'
- D TO 1946 = N 41°05'10" E - 1321.98'



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

FILE NO. 91032  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1:2500  
 PROVEN SOURCE OF ELEVATION TOPO SPOT ELEV. = 1100

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 ENERGY.  
 (SIGNED) Richard E. Kinder  
 R.P.E. \_\_\_\_\_ L.L.S. 817



**STATE OF WEST VIRGINIA**  
**DEPARTMENT OF ENERGY**  
**OIL AND GAS DIVISION**



DATE MARCH 15, 1991  
 OPERATOR'S WELL NO. TOMPKINS A-1  
 API WELL NO. \_\_\_\_\_

WELL TYPE: OIL \_\_\_\_\_ GAS X LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS,") PRODUCTION \_\_\_\_\_ STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW \_\_\_\_\_  
 LOCATION: ELEVATION 1111.88 WATERSHED BURNING SPRING BRANCH OF KANAWHA RIVER  
 DISTRICT MALDEN COUNTY KANAWHA  
 QUADRANGLE CHARLESTON EAST 7.5' SE  
 SURFACE OWNER LAWSON HAMILTON ACREAGE 345  
 OIL & GAS ROYALTY OWNER LAWSON HAMILTON LEASE ACREAGE 580  
 LEASE NO. 47-0702

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 NEWBURG ESTIMATED DEPTH 5600'  
 WELL OPERATOR CABOT OIL AND GAS CORPORATION DESIGNATED AGENT DAVID McCLUSKEY  
 ADDRESS ONE VALLEY SQUARE, SUITE 800 149 ADDRESS ONE VALLEY SQUARE, SUITE 800  
 P.O. BOX 3753, CHARLESTON, WV. 25537-3753 P.O. BOX 3753, CHARLESTON, WV. 25537-3753

*DEEP WELL*

COUNTY NAME KAN  
PERMIT 4824

FORM WW-6

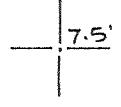
2400' W

LATITUDE 38° 17' 30"

- A = 28" GUM CORNER WITH BLAZE ON THE SIDES
- B = POINT ON RIDGE (PROPERTY CORNER)
- C = 10" PINE CORNER ON RIDGE
- D = PROPOSED WELL A-1

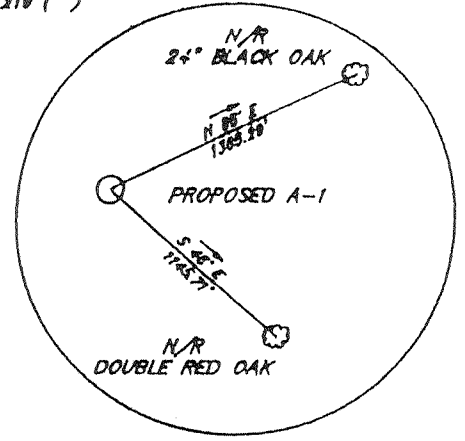
- A TO B = S 82°35' E - 668.77
- B TO C = S 32°55' E - 426.90'
- C TO D = N 81°41' W - 821.82'
- D TO A = N 178°7' W - 878.10'
- D TO 1944 = N 41°53'10" E - 1321.90'

0.76S  
0.46W

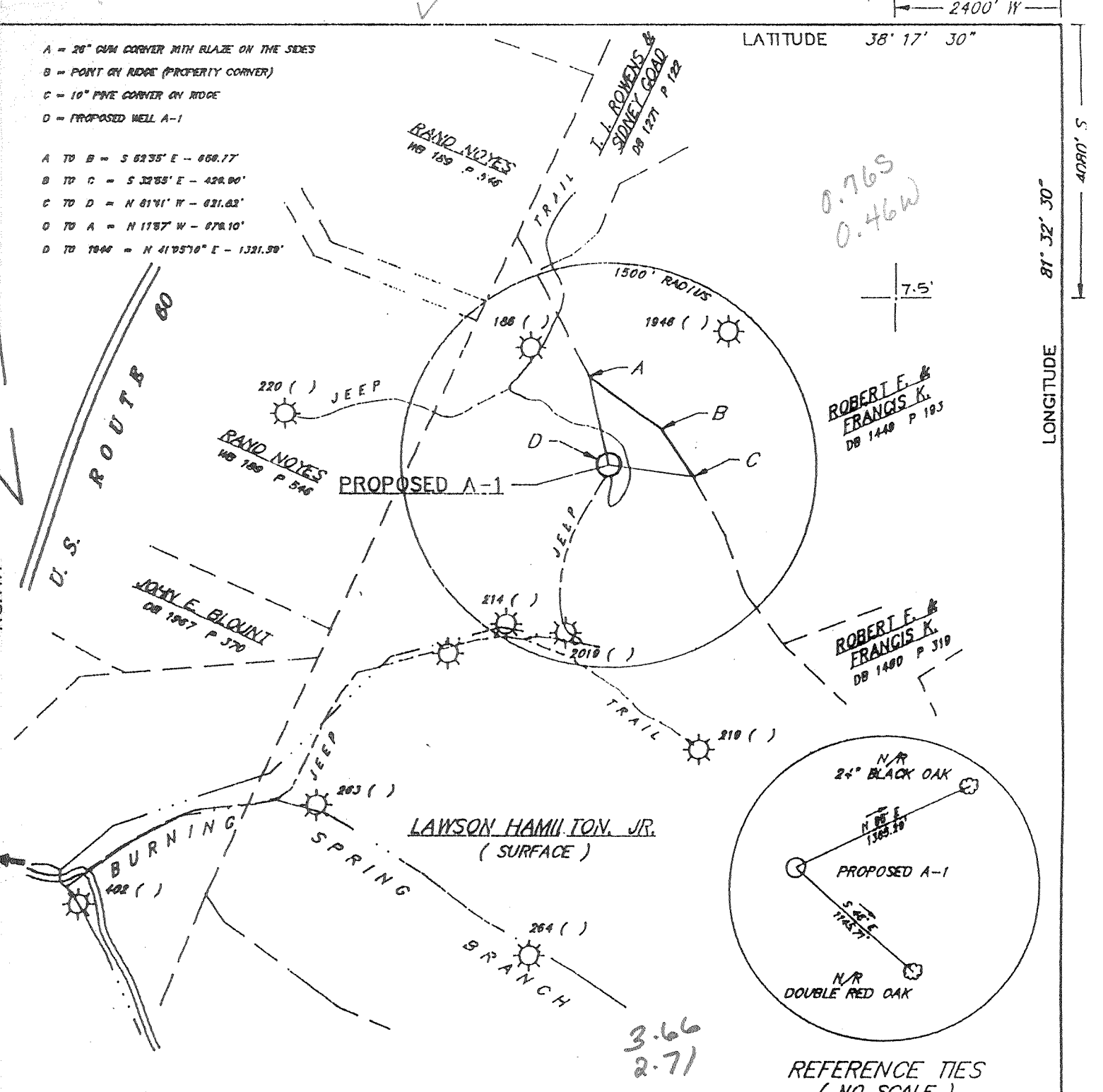


ROBERT F. & FRANCIS K.  
DB 1448 P 193

ROBERT F. & FRANCIS K.  
DB 1490 P 319



REFERENCE TIES (NO SCALE)



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

FILE NO. 91032  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1:2500  
 PROVEN SOURCE OF ELEVATION 1000 SPOT ELEV. = 1100

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 (SIGNED) Richard E. Kinder  
 R.P.E. \_\_\_\_\_ L.L.S. 817



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



DATE MARCH 15, 1991  
 OPERATOR'S WELL NO. TOMPKINS A-1  
 API WELL NO. \_\_\_\_\_

47 - 039 - 4824-F  
 STATE COUNTY PERMIT

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS,") PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION 1111.88 WATERSHED BURNING SPRING BRANCH OF KANAWHA RIVER  
 DISTRICT MALDEN COUNTY KANAWHA  
 QUADRANGLE CHARLESTON EAST 7.5' CHWSE  
 SURFACE OWNER LAWSON HAMILTON ACREAGE 345  
 OIL & GAS ROYALTY OWNER LAWSON HAMILTON LEASE ACREAGE 580  
 LEASE NO. 47-0702

PROPOSED WORK: DRILL  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 NEWBURG ESTIMATED DEPTH 6900'  
 WELL OPERATOR GABOT OIL AND GAS CORPORATION DESIGNATED AGENT DAVID McCLUSKEY  
 ADDRESS ONE VALLEY SQUARE, SUITE 800 ADDRESS ONE VALLEY SQUARE, SUITE 800  
P.O. BOX 3753, CHARLESTON, WV. 25537-3753 P.O. BOX 3753, CHARLESTON, WV. 25537-3753

4080' S  
50' 32' 30"  
LONGITUDE

COUNTY NAME

PERMIT

6-6 214

2400' W

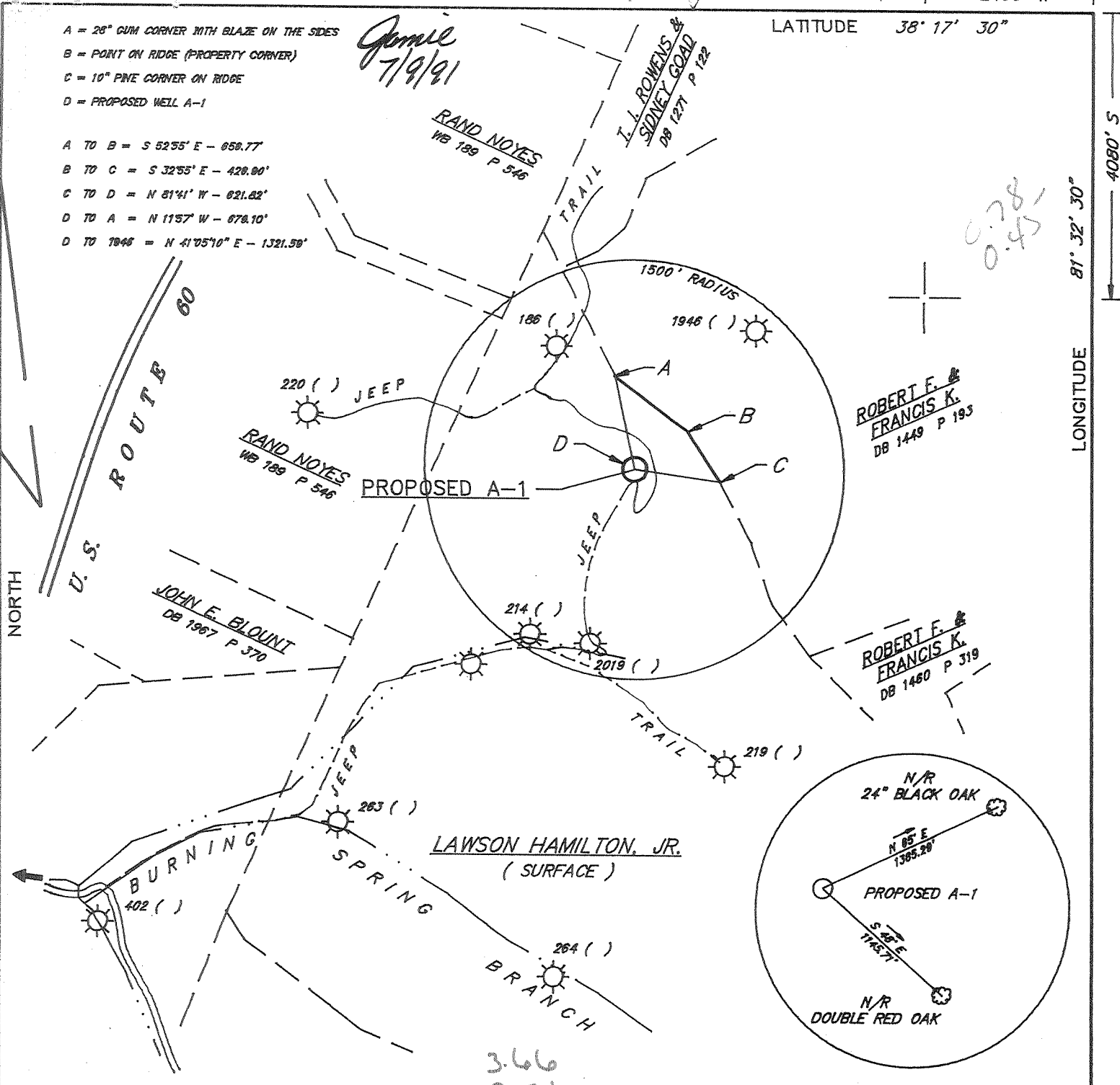
LATITUDE 38° 17' 30"

LONGITUDE 81° 32' 30"

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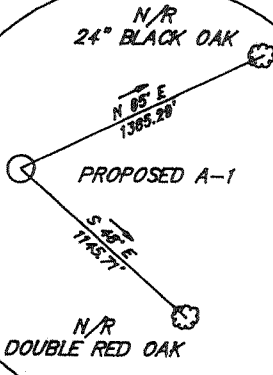
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 B TO C = S 32°55' E - 428.00'  
 C TO D = N 81°41' W - 821.82'  
 D TO A = N 11°57' W - 678.10'  
 D TO 1946 = N 41°05'10" E - 1321.90'

*Janice*  
7/9/91



ROBERT F. & FRANCIS K.  
DB 1449 P 193

ROBERT F. & FRANCIS K.  
DB 1480 P 319



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

FILE NO. 91032  
 DRAWING NO. \_\_\_\_\_  
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 (SIGNED) Richard E. Kinder  
 R.P.E. \_\_\_\_\_ I.L.S. 817



STATE OF WEST VIRGINIA  
 DEPARTMENT OF ENERGY  
 OIL AND GAS DIVISION



DATE MARCH 15, 19 91  
 OPERATOR'S WELL NO. TOMPKINS A-1  
 API WELL NO.

47 - 039 - 4824  
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION 1111.88 WATERSHED BURNING SPRING BRANCH OF KANAWHA RIVER  
 DISTRICT MALDEN 7 COUNTY KANAWHA

QUADRANGLE CHARLESTON EAST 7.5' Chap. 56  
 SURFACE OWNER LAWSON HAMILTON ACREAGE 345

OIL & GAS ROYALTY OWNER LAWSON HAMILTON LEASE ACREAGE 580  
 LEASE NO. 47-0702

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 NEWBURG ESTIMATED DEPTH 5600'

WELL OPERATOR CABOT OIL AND GAS CORPORATION DESIGNATED AGENT DAVID McCLUSKEY  
 ADDRESS ONE VALLEY SQUARE, SUITE 800 ADDRESS ONE VALLEY SQUARE, SUITE 800  
P.O. BOX 3753, CHARLESTON, WV. 25537-3753 P.O. BOX 3753, CHARLESTON, WV. 25537-3753

COUNTY NAME PERMIT

70 rchd 9/23/91 2:42  
 5-6 Lon For (305) attempt ext. hbq prod. NE alg. Wark...

RECEIVED  
WV Division of  
Environmental Protection

12-Jul-94  
API # 47-039-04824

SEP 21 1994

State of West Virginia  
DEPARTMENT OF ENERGY  
Division of Oil and Gas  
Well Operator's Report of Well Work

Permitting  
Office of Oil & Gas

Farm name: HAMILTON, LAWSON JR.

Operator Well No.: N.B. TOMPKINS A-1

Location: Elevation: 1111.88

Quadrangle: CHARLESTON EAST

District: MALDEN

County: KANAWHA

Latitude: 4080 Feet South of 38 Deg. 17 Min. 30 Sec.

Longitude: 2400 Feet West of 81 Deg. 32 Min. 30 Sec.

Company: CABOT OIL & GAS CORPORATION  
400 FAIRWAY DRIVE, SUITE 400  
CORAOPOLIS, PA 15108

Agent: DAVID G. MCCLUSKEY

Inspector: CARLOS W. HIVELY  
Permit Issued: 07/12/91  
Well Work Commenced: 09/05/91  
Well Work Completed: 09/22/91  
Verbal Plugging  
Permission granted on: \_\_\_\_\_  
Rotary X Cable \_\_\_\_\_ Rig \_\_\_\_\_  
Total Depth (feet) 5755'  
Fresh water depths (ft) 202, 810  
Salt water depths (ft) 1125  
Is coal being mined in area (Y/N)? Y  
Coal Depths (ft): 128-131, 348-352,  
444-447

Casing & Tubing	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
20"	20'	20'	n/a
13-3/8"	683'	683'	510 sks Class A
9-5/8"	1623'	1623'	560 sks Class A
7"	5178'	5178'	243 sks Class A Foam
4-1/2"	5731'	5731'	255 sks Class A

OPEN FLOW DATA

Producing formation NEWBURG Pay zone depth (ft) 5647-5664  
Gas: Initial open flow TSTM MCF/d Oil: Initial open flow N/A Bbl/d  
Final open flow TSTM MCF/d Final open flow N/A Bbl/d  
Time of open flow between initial and final tests 4 Hours  
Static rock Pressure 20 psig (surface pressure) after 72 Hours  
Second Producing formation HELDERBURG Pay zone depth (ft) 5152-5206  
Gas: Initial open flow TSTM MCF/d Oil: Initial open flow N/A Bbl/d  
Final open flow 28 MCF/d Final open flow N/A Bbl/d  
Time of open flow between initial and final tests 4 Hours  
Static rock Pressure 255 psig (surface pressure) after 16 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: CABOT OIL & GAS CORPORATION

By: Donald R. Fyfe

Date: 9/19/94

Producing formation ORISKANY Pay zone depth (ft) 4924-4936  
 Gas: Initial open flow 21 MCF/d Oil: Initial open flow N/A Bbl/d  
 Final open flow 42 MCF/d Final open flow N/A Bbl/d  
 Time of open flow between initial and final tests 4 Hours  
 Static rock Pressure 220 psig (surface pressure) after 72 Hours

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

Perf'd Newburg from 5647-5654, 5660-5664. Break down Newburg w/1000 gal 15% Hcl displaced w/84.5 bbls H<sub>2</sub>O; BDP - 1500 psi; Surface ISIP - 1350 psi. Perf'd Oriskany 4924-4936. Break down Oriskany w/1000 gal 15% Hcl displaced w/165,000 scf N<sub>2</sub>. Perf'd Helderburg from 5152-5158, 5201-5206. Break down Helderburg w/500 gal 15% Hcl; BDP - 5500 psi; Surface ISIP - 5050 psi.

FORMATION	TOP	BOTTOM
SOIL/SAND	0	128
COAL	128	131
SAND	131	348
COAL	348	352
SAND	352	444
COAL	444	447
SAND/SHALE	447	980
SALT SAND	980	1093
MAXTON SAND/SHALE	1093	1420
BIG LIME	1420	1671
BIG INJUN	1671	1695
SHALE/DEVONIAN SHALE	1695	4830
ONONGAGA	4830	4940
ORISKANY	4940	4999
HELDERBERG/TONOLOWAY	4999	5665
NEWBURG	5665	5700
MCKENZIE	5700	5761
TD		5761

h2h2

DEC 01 1994

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

Permitting  
\*WORKOVER Office of Oil & Gas

Well Operator's Report of Well Work

Farm name: HAMILTON, LAWSON W. JR. Operator Well No.: N.B.TOMPKINS A1

LOCATION: Elevation: 1,111.88 Quadrangle: CHARLESTON EAST

District: MALDEN County: KANAWHA  
Latitude: 4080 Feet South of 38 Deg. 17Min. 30 Sec.  
Longitude 2400 Feet West of 81 Deg. 32 Min. 30 Sec.

Company: CABOT OIL & GAS CORPORATI  
400 FAIRWAY DRIVE, SUITE 400  
CORAOPOLIS, PA 15108-4308

Agent: JOHN W. ABSHIRE

Inspector: CARLOS HIVELY  
Permit Issued: 11/14/94  
Well work Commenced: 09/14/94  
Well work Completed: 09/20/94  
Verbal Plugging  
Permission granted on:  
Rotary X Cable \_\_\_\_\_ Rig  
Total Depth (feet) 5755'  
Fresh water depths (ft) n/a

Salt water depths (ft) n/a

Is coal being mined in area (Y/N)? Y  
Coal Depths (ft): n/a

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
20"	20'	20'	n/a
13-3/8"	683'	683'	510 sks Class A
9-5/8"	1623'	1623'	560 sks Class A
7"	5178'	5178'	(foam) 243 sks Class A
4-1/2"	5731'	5731'	255 sks Class A

OPEN FLOW DATA

Producing formation Shale Pay zone depth (ft) 2840-2910  
Gas: Initial open flow TSTM MCF/d Oil: Initial open flow n/a Bbl/d  
Final open flow 60 MCF/d Final open flow n/a Bbl/d  
Time of open flow between initial and final tests 36 4 Hours  
Static rock Pressure 460 psig (surface pressure) after 36 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 \_\_\_\_\_ Bbl/d  
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.

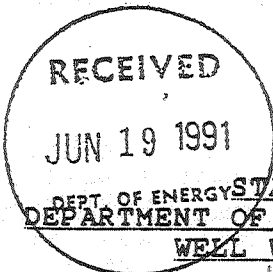
For: CABOT OIL & GAS CORPORATION

By: John W. Abshire  
Date: 11/29/94

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

Perf'd Shale from 2,840'-2,910'. Break down Shale w/500 gals of 15% HCl displ w/60,000 scf N<sub>2</sub>; BDP - 2170 psi; Surface - 2,270 psi. Frac'd w/84,000# sand.

FORMATION	TOP	BOTTOM
SOIL/SAND	0	128
COAL	128	131
SAND	131	348
COAL	348	352
SAND	352	444
COAL	444	447
SAND/SHALE	447	980
SALT SAND	980	1093
MAXTON SAND/SHALE	1093	1420
BIG LIME	1420	1671
BIG INJUN	1671	1695
SHALE/DEVONIAN SHALE	1695	4830
ONONDAGA	4830	4940
ORISKANY	4940	4999
HELDERBERG/TONOLOWAY	4999	5665
NEWBURG	5665	5700
MCKENZIE	5700	5755
TD		5755



039-4824

Issued 07/12/91

Page \_\_\_ of \_\_\_

Expires 07/12/93

FORM WW-2B

DEPT. OF ENERGY STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS WELL WORK PERMIT APPLICATION

- 1) Well Operator: CABOT OIL & GAS CORPORATION 8145 (7) 289
2) Operator's Well Number: N. B. Tompkins A-1 3) Elevation: 1111.0
4) Well type: (a) Oil \_\_\_ / or Gas X/ (b) If Gas: Production X/ Underground Storage \_\_\_ Deep X/ Shallow \_\_\_
5) Proposed Target Formation(s): Injun, Newburg 535
6) Proposed Total Depth: 5780 feet
7) \* Approximate fresh water strata depths: 179, 422, 623
8) \* Approximate salt water depths: 746, 879, 1072, 1529, 1572
9) \* Approximate coal seam depths: 98, 282 (solid), 463
10) Does land contain coal seams tributary to active mine? Yes X/ No \_\_\_
11) Proposed Well Work: Drill and complete a gas well.
\* Based on Kan: 186, 220, 2019 and Coal Co. Maps.
12)

CASING AND TUBING PROGRAM

Table with columns: TYPE, SPECIFICATIONS (Size, Grade, Weight per ft.), FOOTAGE INTERVALS (For drilling, Left in well), CEMENT (Fill-up (cu. ft.)). Rows include Conductor, Fresh Water, Coal, Intermediate, Production, Tubing, and Liners.

PACKERS : Kind \_\_\_ Sizes \_\_\_ Depths set \_\_\_

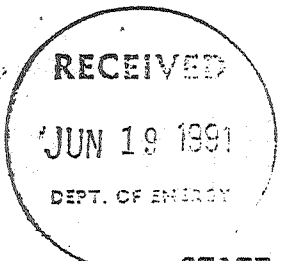
For Division of Oil and Gas Use Only

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

12029

03070 18





1) Date: June 17, 1991  
2) Operator's well number  
N. B. TOMPKINS A-1  
3) API Well No: 47 - 039 - 4824  
State - County - Permit

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 Lawson Hamilton, Jr.  
Address PO Box 175  
Hansford, WV 25103
  - (b) Name \_\_\_\_\_  
Address \_\_\_\_\_
  - (c) Name \_\_\_\_\_  
Address \_\_\_\_\_
- 5) (a) Coal Operator:  
Name NOT OPERATED  
Address \_\_\_\_\_
- (b) Coal Owner(s) with Declaration  
Name Lawson Hamilton, Jr.  
Address PO Box 175  
Hansford, WV 25103  
Name \_\_\_\_\_  
Address \_\_\_\_\_
- 6) Inspector Carlos Hively  
Address 223 Pinch Ridge Rd.  
Elkview, WV 25071  
Telephone (304)-965-6069
- (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  
 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 CABOT OIL & GAS CORPORATION  
By: Daniel M. Chesley  
Its: Drilling Superintendent  
Address PO Box 1473  
Charleston, WV 25325  
Telephone (304) 347-1600

Subscribed and sworn before me this 17th day of June, 1991

Norema L. Proffitt Notary Public  
My commission expires May 31, 1999

STATE OF WEST VIRGINIA  
DIVISION OF ENVIRONMENTAL PROTECTION  
SECTION OF OIL AND GAS

WELL WORK PERMIT

This permit, issued to CABOT OIL & GAS CORPORATION is evidence of permission granted to perform the specified well work at the location described on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to all conditions and provisions outlined in the \_\_\_\_\_ pages attached hereto. Notification shall be given to the Oil and Gas Inspector CARLOS HIVELY at 304-965-6069 prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be reported to 1-800-654-3312.

Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and in addition may result in civil and/or criminal penalties.

Well work to be conducted under this permit shall be commenced within two (2) years from date of issue.

Theodore M. Streit  
Chief

By: *Janie Stevens*

Title: *Petro. Eng. Tech.*

Operator's Well No: N.B.TOMPKINS A1

Farm Name: HAMILTON, LAWSON W. JR.

API Well Number : 47- 39-04824 A

Date Issued : 11/14/94

Expires two (2) years from issue date.

BEFORE DIGGING OR OTHERWISE  
DISTURBING THE EARTH  
CALL 1-800-245-4848  
TO NOTIFY MANY UNDERGROUND OWNERS  
- 3 DAYS NOTICE REQUESTED  
A FREE SERVICE



1) Date: November 2, 19 94  
2) Operator's Well No. N.B. Tompkins A-1  
3) API Well No. 47 - 039 - 4824-PP  
State County Permit

NOV 14 1994

Permitting  
Office of Oil & Gas

STATE OF WEST VIRGINIA  
DIVISION OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL & GAS

APPLICATION FOR A PERMIT TO PLUG & ABANDON

20027

WELL TYPE: A Oil \_\_\_\_\_ / Gas X / Liquid injection \_\_\_\_\_ / Waste disposal \_\_\_\_\_  
B (If "Gas", Production X / Underground storage) \_\_\_\_\_ / Deep \_\_\_\_\_ Shallow X ) <sup>289</sup>

LOCATION: Elevation: 1111.88 Watershed: \_\_\_\_\_  
District: Malden County: Kanawha Quadrangle: Charleston East

WELL OPERATOR Cabot Oil & Gas CODE \_\_\_\_\_  
Address 400 Fairway Drive, Suite 400  
Coraopolis, PA 15108  
DESIGNATED AGENT Dave McCluskey  
Address One Valley Square, Suite 800  
Charleston, WV 25301

8) OIL & GAS INSPECTOR TO BE NOTIFIED  
Name Carlos Hively  
Address 223 Pinch Ridge Road  
Elkview, WV 25071

9) PLUGGING CONTRACTOR  
Name Unknown  
Address \_\_\_\_\_

10) WORK ORDER: The work order for the manner of plugging this well is as follows:

- Cast Iron Bridge Plug @ 5600'
- CAL SEAL 5600' - 5575'
- Cast Iron Bridge Plug @ 5100'
- CAL SEAL 5100' - 5050'

OFFICE USE ONLY

PLUGGING PERMIT

Verbal Partial Plugged

Permit number 47-039-4824-PP

July 28th. 19 92  
Date

This permit covering the well operator and well location shown below is evidence of permission granted to plug in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, subject to any modifications and conditions on the reverse hereof.

Permit expires 7-28-94 unless plugging is commenced prior to that date and prosecuted with due diligence.

Bond: <u>[Signature]</u>	Agent: <u>[Signature]</u>	Plat: <u>[Signature]</u>	Casing: <u>[Signature]</u>	WPCP	OTHER
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Jamie Stevens

Chief, Office of Oil & Gas

NOTE: Keep one copy of this permit posted at the plugging location.

File

1) Date: November 2, 1994  
Operator's  
2) Well No. N.B. Tompkins A-1  
3) API Well No. 47 - 039 - 4824 - PP  
State County Permit

STATE OF WEST VIRGINIA  
DIVISION OF OIL AND GAS, DEPARTMENT OF ENERGY  
NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL

SURFACE OWNER(S) OF RECORD TO BE SERVED

(i) Name Lawson W. Hamilton Jr.  
Address P.O. Box 175  
Hansford, WV 25103  
(ii) Name \_\_\_\_\_  
Address \_\_\_\_\_  
(iii) Name \_\_\_\_\_  
Address \_\_\_\_\_

5 (i) COAL OPERATOR \_\_\_\_\_  
Address \_\_\_\_\_

5 (ii) COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name Lawson W. Hamilton Jr.  
Address P.O. Box 175  
Hansford, WV 25103

5 (iii) COAL LESSEE WITH DECLARATION ON RECORD:  
Name \_\_\_\_\_  
Address \_\_\_\_\_

TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following documents:

- (1) The Application to Plug and Abandon a Well on Form WW-4(B), which sets out the parties involved in the work, and describes the well and its location and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION (FORM WW-4(B)) DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

Take notice that under Chapter 22B of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a Permit to plug and abandon a well with the Director of the Division of Oil and Gas, West Virginia Department of Energy, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Director.

The truth of the information on the Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by

Donald R. Laughlin

This 2nd day of NOVEMBER, 1994  
My commission expires JUNE 17, 1996

Cynthia M. Bowles  
Notary Public, ALLEGHENY County,  
State of PENNSYLVANIA

Notarial Seal  
Cynthia M. Bowles, Notary Public  
Chartiers Twp., Washington County  
My Commission Expires June 17, 1996  
Member, Pennsylvania Association of Notaries

WELL OPERATOR Cabot Oil & Gas Corporation

By Donald R. Laughlin  
Its Manager of Drilling

Address 400 Fairway Drive  
Suite 400  
Coraopolis, PA 15108

Telephone (412) 299-7000