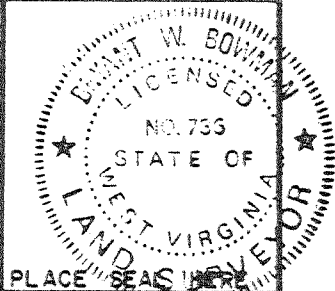


FILE NO. _____
DRAWING NO. _____
SCALE 1-2000
MINIMUM DEGREE OF ACCURACY 1-500
PROVEN SOURCE OF ELEVATION HIGH KNDB-3583
SOUTH WEST OF LOCATION

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) Burnard Bowman
R. P. E. _____ L. L. S. 736



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

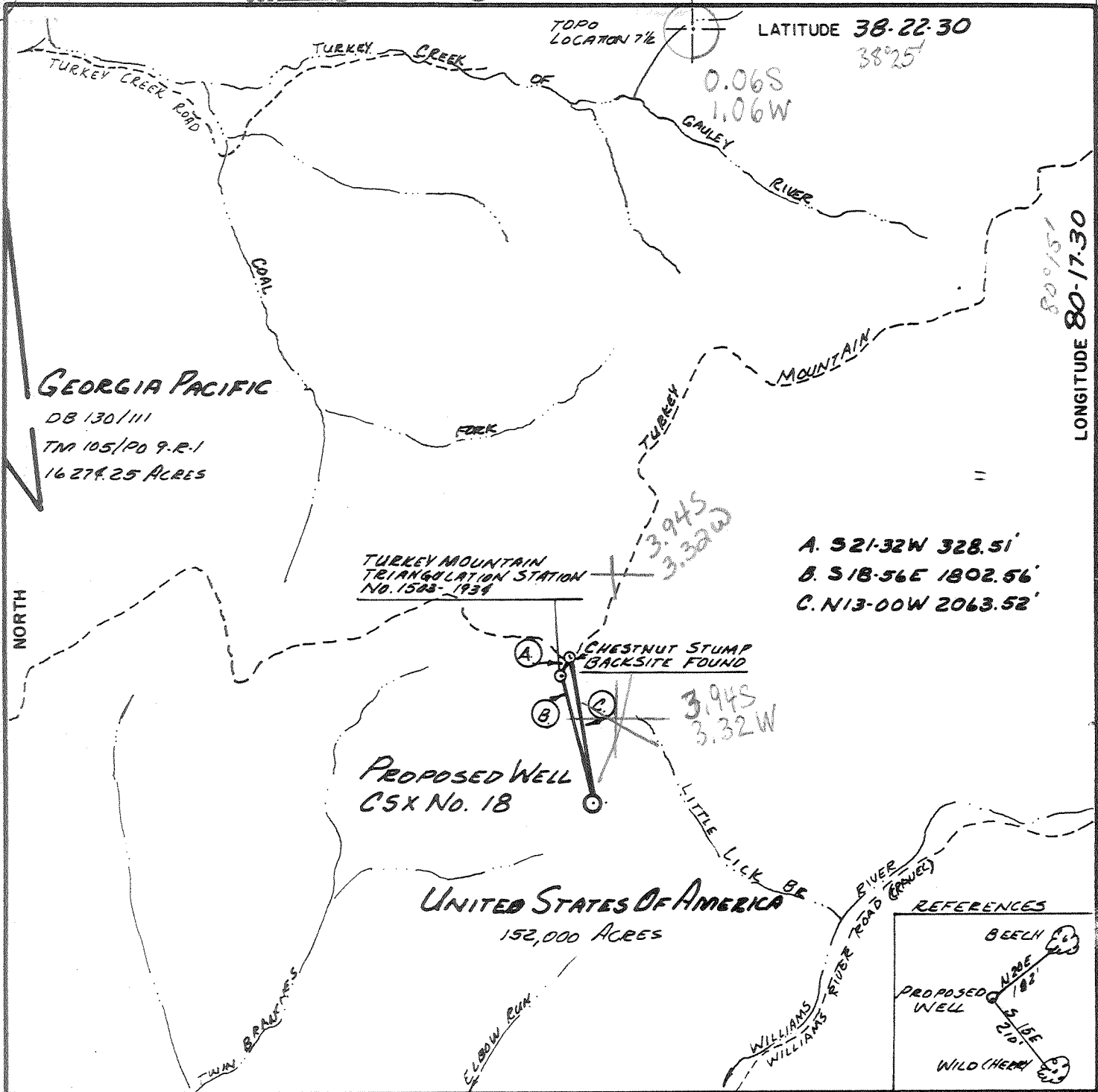


Department of Mines
Oil & Gas Division

DATE 9/26 1984
OPERATOR'S WELL NO. CSX 18
API WELL NO. 47-101-0084-P
STATE COUNTY PERMIT

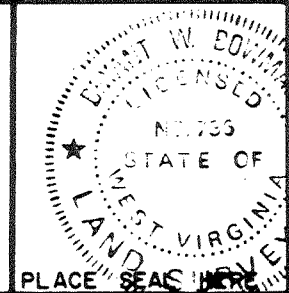
WELL TYPE: OIL _____ GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
(IF "GAS", PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW _____)
LOCATION: ELEVATION 3688 WATER SHED LITTLE LICK BRANCH OF WILLIAMS RIVER
DISTRICT GLADE COUNTY WEBSTER
QUADRANGLE WEBSTER SPRINGS SE.
SURFACE OWNER UNITED STATES OF AMERICA ACREAGE 152,000+-
OIL & GAS ROYALTY OWNER CSX RESOURCES ETAL LEASE ACREAGE 12544+-
LEASE NO. 47-8050
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 ORISKANY HUNTERSVILLE CHEST ESTIMATED DEPTH 8500'
WELL OPERATOR CAROL OIL & GAS W.V.A. DESIGNATED AGENT STEVEN D. TURK
ADDRESS P.O. BOX 628 CHARLESTON, W.V.A. ADDRESS P.O. BOX 628 CHARLESTON, W.V.A.

NOV 25 1985



FILE NO. _____
DRAWING NO. _____
SCALE 1-2000
MINIMUM DEGREE OF ACCURACY 1-500
PROVEN SOURCE OF ELEVATION HIGH KNDB-3583
SOUTH WEST OF LOCATION

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) Ronald Bowman
R.P.E. _____ L.L.S. 736



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



DATE 4/26 1984
OPERATOR'S WELL NO. CSX 18
API WELL NO. _____
47 - 101 - 0084
STATE COUNTY PERMIT

Department of Mines
Oil & Gas Division

WELL TYPE: OIL _____ GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
(IF "GAS", PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW _____)
LOCATION: ELEVATION 3688 WATER SHED LITTLE LICK BRANCH OF WILLIAMS RIVER
DISTRICT GLADE 2 COUNTY WEBSTER
QUADRANGLE WEBSTER SPRINGS SE 662 Webster Springs 129 EC6
SURFACE OWNER UNITED STATES OF AMERICA ACREAGE 152,000
OIL & GAS ROYALTY OWNER CSX RESOURCES ETAL LEASE ACREAGE 125441
LEASE NO. 47-8050
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 DEISKINY & HUNTERSVILLE CHERT ESTIMATED DEPTH 8500' OCT 22 1984
WELL OPERATOR COAL OIL & GAS W.V.A. DESIGNATED AGENT STEVEN D. TURE
ADDRESS P.O. BOX 628 ADDRESS P.O. BOX 628
149 CHARLESTON, W.V.A. CHARLESTON, W.V.A.



1) Date: August 23, 19 84
 2) Operator's Well No. CSX #18
 3) API Well No. 47 - 101 - 0084
 State County Permit

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OIL AND GAS DIVISION
 APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil / Gas /
 B (If "Gas", Production / Underground storage / Deep / Shallow
 5) LOCATION: Elevation: 3688' Watershed: Little Lick Branch of Williams River A.G.W.9
 District: Glade County: Webster Quadrangle: Webster Springs S.E.
 6) WELL OPERATOR Cabot Oil & Gas Corp. of WV 7) DESIGNATED AGENT Steven D. Turk
 Address P.O. Box 628 Address P.O. Box 628
Charleston, WV 25322 Charleston, WV 25322
 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR **RECEIVED**
 Name Craig Duckworth Name UNKNOWN
 Address Box 107, Davisson Rt. Address _____
Gassaway, WV 26624 364-5942 AUG 29 1984
 10) PROPOSED WELL WORK: Drill / Drill deeper / Redrill / Stimulate & GAS DIVISION
 Plug off old formation / Perforate new formation **DEPT. OF MINES**
 Other physical change in well (specify) _____
 11) GEOLOGICAL TARGET FORMATION, Oriskany and any potential producing horizon encountered between
 12) Estimated depth of completed well, 8500' feet intermediate casing seat and T.D.
 13) Approximate strata depths: Fresh, 200 feet; salt, --- feet.
 14) Approximate coal seam depths: 456-530' (solid) Is coal being mined in the area? Yes / No

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor	20		94	X		30	30	20 sks.	Kinds
Fresh water	13-3/8		54.50	X		700	700	550 sks.	Neat CTS
Coal									Sizes
Intermediate	9-5/8		36	X		2500	2500	750 sks.	Neat CTS
Production	4-1/2		11.60	X		8400	8400	150 sks. or gas	depths set
Tubing								req. by rule	15.01
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-101-0084 Date October 10, 19 84

This permit covering the well operator and well location shown below is evidence of permission granted to drill 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, (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper 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, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.

Permit expires October 10, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>30</u>	Agent: <u>[Signature]</u>	Plat: <u>MU</u>	Casing: <u>MU</u>	Fee: <u>013-663</u>
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Margaret J. Hasse
 Administrator, Office of Oil and Gas

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

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.

File

RECEIVED
NOV 20 1985

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPLICATE, one copy mailed to the Department, one copy to be 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.

WV and Pittsburgh Railroad Company
Coal Operator or Owner
CSX Resources, Inc.
Address
350 Eighth and Main Building
707 E. Main Street, Suite 350
Richmond, Virginia 23219
Address
United State of America
Monongahela National Forest
Lease or Property Owner
Attn: Ralph Mumme
P.O. Box 1548, Elkins, West Virginia 26741
Address

Cabot Oil & Gas Corporation of West Virginia
Name of Well Operator
P.O. Box 628, Charleston, West Virginia 25322
Complete Address
November 18 19 85
WELL AND LOCATION
Glade District
Webster County
WELL NO. #18
CSX Farm

STATE INSPECTOR SUPERVISING PLUGGING Craig Duckworth, Box 107, Davisson Rt., Gassaway, WV 26624

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of KANAWHA ss:

Tony Gale and Robert Keenan
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 Cabot Oil & Gas Corporation of WV, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 5 day of October, 19 85, and that the well was plugged and filled in the following manner:

Sand or Zone Record Formation	Filling Material	Plugs Used Size & Kind	Casing	
			CSG PULLED	CSG LEFT IN
8312-8000'	Class A Cement			
8000-4937'	6% gel			
4937-4680'	Class A Cement	7" Csg.	6997'	849'
4680-2888'	6% gel			
2888-2643'	Class A Cement	9-5/8" Csg.	2790'	2790'
2643-120'	6% gel			
120-0	Class A Cement	13-3/8" Csg.	716'	716'
		20" Csg.	33'	33'
		Permanent bridge plug @	7580'	
		Cement Retainer @	2698'	
Coal Seams		Description of Monument		
(Name) 110-120'		Casing monument w/API		
(Name) 466-470'				
(Name) 575-580'				
(Name)				

and that the work of plugging and filling said well was completed on the 8 day of October, 19 85.

And further deponents saith not.

Sworn to and subscribed before me this 18 day of November, 19 85.

Anthony B. Gale
Robert J. Keenan
Joune Miller
Notary Public

My commission expires:
March 5, 1989.

Permit No. 47-101-0084