

B.M.S. 2-0
 SCALE 1" = 1,000'
 HORIZONTAL SCALE 1:2500
 U.S.G.S. B.M. No. G-144 ELEV. 737.27'

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) Kenneth D. Pios
 R.P.E. 837-SU



REV: DATE AUGUST, 31ST 1989
 OPERATOR'S WELL NO. ISLAND CREEK D-26-D
 API WELL NO. 47 045 1142
Salt Brine
 no drilling data in WDEP but we plugged well

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

LIQUID INJECTION WASTE DISPOSAL
 STORAGE DEEP
847.79 WATER SHED COPPERAS MINE FORK - ISLAND CK - GUYANDOTTE RIV.
ISLAND CREEK 4 COUNTY LOGAN
HOLDEN 7 1/2'
OXY USA INC. 11.98 AC.
ISLAND CREEK COAL CO. 35,063.47 AC.
 LEASE NO. WV-486

CONVERT DRILL DEEPER PLUG OFF OLD FORMATION OTHER PHYSICAL CHANGE

CLEAN OUT AND REPLUG
 FORMATION BEREA SAND ESTIMATED DEPTH 2,660'
 DESIGNATED AGENT DELBERT G. OLIVER
 ADDRESS BOX 873 CHARLESTON, WV 25323

NOV 09 1989

1) Date: June 26, 1989
2) Operator's Well No. Island Creek D-26D, GW 2060
3) SIC Code
4) API Well No. 47 - 045 - 1142 (State County Permit)
5) UIC Permit No.



Department of Energy
AUG 14 89
Office of Director
Oil and Gas Division

STATE OF WEST VIRGINIA
NOTICE OF LIQUID INJECTION OR WASTE DISPOSAL WELL WORK PERMIT APPLICATION
for the
DEPARTMENT OF ENERGY, OIL AND GAS DIVISION

Issued 11/08/89
exp. 11/08/91

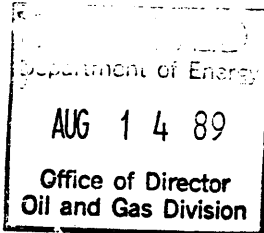
- 6) WELL TYPE: Liquid injection / Gas injection (not storage) / Waste disposal X
7) LOCATION: Elevation: / Watershed: Copperas Mine Fork
8) WELL OPERATOR: OXY USA INC. 3072 3603 / DESIGNATED AGENT: Delbert G. Oliver
9) OIL & GAS INSPECTOR TO BE NOTIFIED: Name Mr. Tim Bennett / DRILLING CONTRACTOR: Name Not Available at this time
12) PROPOSED WELL WORK: Drill X / Drill deeper / Redrill / Stimulate X
13) GEOLOGICAL TARGET FORMATION: Big Lime 345 / Depth 1770 feet(top) to 1962 feet(bottom)
14) Estimated depth of completed well, (or actual depth of existing well) 2660 ft. Lowermost 15-20' PERFORATED
15) Approximate water strata depths; Fresh, 65 feet; salt, 780 feet.
16) Approximate coal seam depths: 113, 255 (Open Mine)
17) Is coal being mined in the area? Yes / No X
18) Virgin reservoir pressure in target formation 50 psig. Source Offset Well Data
19) Estimated reservoir fracture pressure psig (BHFP)
20) MAXIMUM PROPOSED INJECTION OPERATIONS: Volume per hour: 180 bbls/hr Bottom hole pressure 1600
21) DETAILED IDENTIFICATION OF MATERIALS TO BE INJECTED, INCLUDING ADDITIVES: Produced Salt Water

22) FILTERS (IF ANY):
23) SPECIFICATIONS FOR CATHODIC PROTECTION AND OTHER CORROSION CONTROL: 2-7/8" tubing X 7" casing annulus to be filled with corrosion inhibited water
24) CASING AND TUBING PROGRAM

Table with columns: CASING OR TUBING TYPE, SPECIFICATIONS (Size, Grade, Weight per ft., New, Used), FOOTAGE INTERVALS (For drilling, Left in well), CEMENT FILL-UP OR SACKS (Cubic feet), PACKERS (Kinds, Sizes, Depths set, Perforations). Rows include Conductor, Fresh water, Coal, Intermediate, Production, Tubing, and Liners.

25) APPLICANT'S OPERATING RIGHTS were acquired from Island Creek Coal Company by deed / lease X / other contract / dated April 13, 1984, of record in the County Clerk's office in Logan Book 25 at page 253

FORM WW-3(A)
Obverse



- 1) Date June 26, 1989
Operator's
- 2) Well No. Island Creek D-26D, GW 2060
- 3) SIC Code _____
- 4) API Well No. 47 - 045 - 1142
State County Permit

STATE OF WEST VIRGINIA

NOTICE OF LIQUID INJECTION OR WASTE DISPOSAL WELL WORK PERMIT APPLICATION
for the

DIVISION OF OIL AND GAS, DEPARTMENT OF ENERGY

- | | |
|---|--|
| <p>6) SURFACE OWNER(S) OF RECORD TO BE SERVED</p> <p>(i) Name <u>Island Creek Corporation</u>
Address <u>P. O. Box 840</u>
<u>Holden, WV 25625</u></p> <p>(ii) Name <u>Attn: J. L. Workman, Jr.</u>
Address _____</p> <p>(iii) Name _____
Address _____</p> | <p>7 (i) COAL OPERATOR _____
Address _____</p> <p>7 (ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name <u>Same as (6) (i)</u>
Address _____</p> <p>7 (iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name _____
Address _____</p> |
|---|--|

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

- (1) The Application for a Liquid Injection or Waste Disposal Well Work Permit on Form WW-3(B), which sets out the parties involved in the drilling or other work, and
- (2) The plat (surveyor's map) showing the well location on Form WW-6; and
- (3) The Construction and Reclamation Plan on Form WW-9 (unless the well work is only to plug a well), which sets out the plan for erosion and sediment control and for reclamation for the site and access road.

The date proposed for the first injection or waste disposal is Upon Completion, 1989.

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-3(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 Well Work Permit with the Director of the Division of Oil and Gas, West Virginia Department of Energy, with respect to a well at the location described on the attached Application and depicted on attached Form WW-6. Copies of this Notice, the Application, the plat, and the Construction and Reclamation Plan 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 person signing this document shall make the following certification:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document 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.

OXY USA INC.

Well Operator

By Delbert G. Oliver
Delbert G. Oliver
Its Appalachian Project Manager

Telephone (304) 344-8383

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

MAY 13 93

Permitting
Office of Oil & Gas

AFFIDAVIT OF PLUGGING AND FILLING WELL

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

Farm name: ISLAND CREEK CORP. Operator Well No.: D-26D-GW-2060

LOCATION: Elevation: 847.74 Quadrangle: HOLDEN
District: ISLAND CREEK County: LOGAN
Latitude: 1380 Feet South of 37 Deg. 50 Min. 0 Sec.
Longitude 6820 Feet West of 82 Deg. 0 Min. 0 Sec.

Well Type: OIL _____ GAS XX

Company: Ashland Exploration Inc.
P.O. Box 391 AI-6
Ashland, Kentucky 4114-0391

Coal ~~Operator~~ Island Creek Corp
or Owner P.O. Box 840
Holden, WV. 25625

Agent: B.E. Widener

Coal Operator N/A
or Owner

Permit Issued: 02/17/93

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Gilmer

ss:

R.L. Roberts and Randall E. Riddle 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 Bet-Ro Inc. & Clowser Well Service Oil and Gas Inspector representing the Director, say that said work was commenced on the 14th day of April, 1993, and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Cement	2150	2050	7" 1036'	1176' Cemented
Gel	2050	1300	9" 40'	511' Cemented
Cement	1300	1200	13" -0-	38'
Gel	1200	603		
Cement	603	503		
Gel	503	150		
Cement	150	-0-		

OFFICIAL SEAL
Notary Public, State of West Virginia
SANDRA WANSTREET
101 EAST MAIN ST
GLENVILLE, WV 26351
My Commission Expires June 20, 2000

Description of monument: 7" Marker 40" above ground level and that the work of plugging and filling said well was completed on the 1st day of May, 1993.

And further deponents saith not.

R.L. Roberts
Randall E. Riddle
Sandra Wanstreet
Notary Public

Sworn and subscribe before me this 3 day of May, 1993
My commission expires: June 20, 2000

Oil and Gas Inspector: Ofie Helmick

MAY 24 1993