

Jan 12/15/89

5790'  
LATITUDE 38° 25'

ESTLER #1

SWAN

VALLANINGHAM



76.38 ac

**PROPOSED LOCATION**

FEN. COR.

7.5 TOPO LOC.

GAS PIPELINE

N 53° 02' 33" E

1187.0'

N 21° 04' 31" W 921.0'

N 20° 30' E 1015'

S 83° 30' E

1288'

FEN. COR.

FEN. COR.

1175'

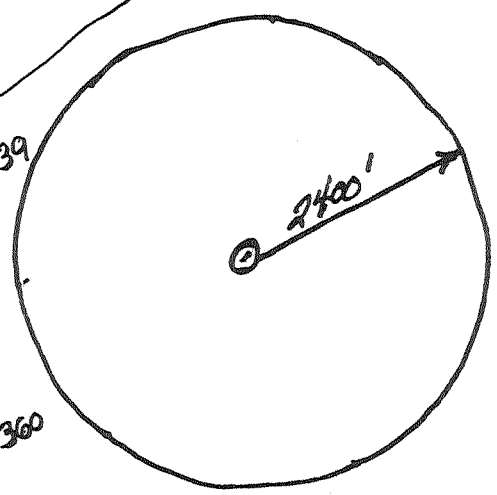
N 5° 30' E

FEN. POST

BAILEY

839

360



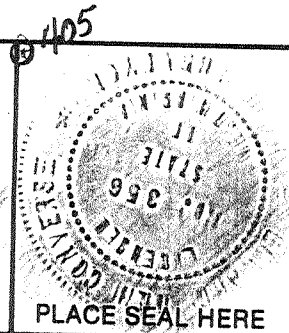
NORTH

LONGITUDE 82° 15'

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

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 400'  
 MINIMUM DEGREE OF ACCURACY 1:2000  
 PROVEN SOURCE OF ELEVATION USGS DATA - FORKS OF ROAD EL. 612'

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) \_\_\_\_\_  
 R.P.E. \_\_\_\_\_ L.L.S. NO. 356



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



DATE NOVEMBER 27, 19 89  
 OPERATOR'S WELL NO. ESTLER NO. 1  
 API WELL NO. \_\_\_\_\_

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW \_\_\_  
 LOCATION: ELEVATION 824.1' WATER SHED GUYANDOTTE RIVER  
 DISTRICT BARBOURSVILLE COUNTY CABELL  
 QUADRANGLE BARBOURSVILLE

SURFACE OWNER ROBERT H. & MARY LOU ESTLER ACREAGE 76.38  
 OIL & GAS ROYALTY OWNER ROBERT & MARY ESTLER LEASE ACREAGE 76.38  
 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 DEVONIAN SHALE ESTIMATED DEPTH 3800'  
 WELL OPERATOR CONTINENTAL RESERVES OIL CO DESIGNATED AGENT NANCY COLTON  
 ADDRESS 147-3 WEST MAIN STREET ADDRESS 147-3 WEST MAIN STREET  
BRIDGEPORT, WV BRIDGEPORT, WV

COUNTY NAME CAB

PERMIT 0840

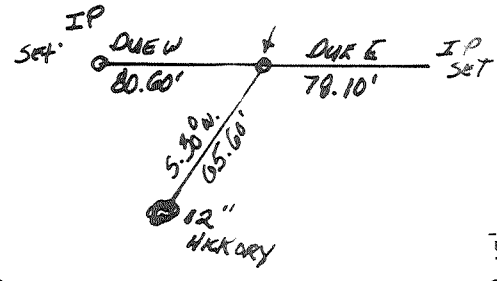
Janic 12/15/89

5790'  
LATITUDE 38° 25'

ESTLER #1

SWAN

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76.38 ac

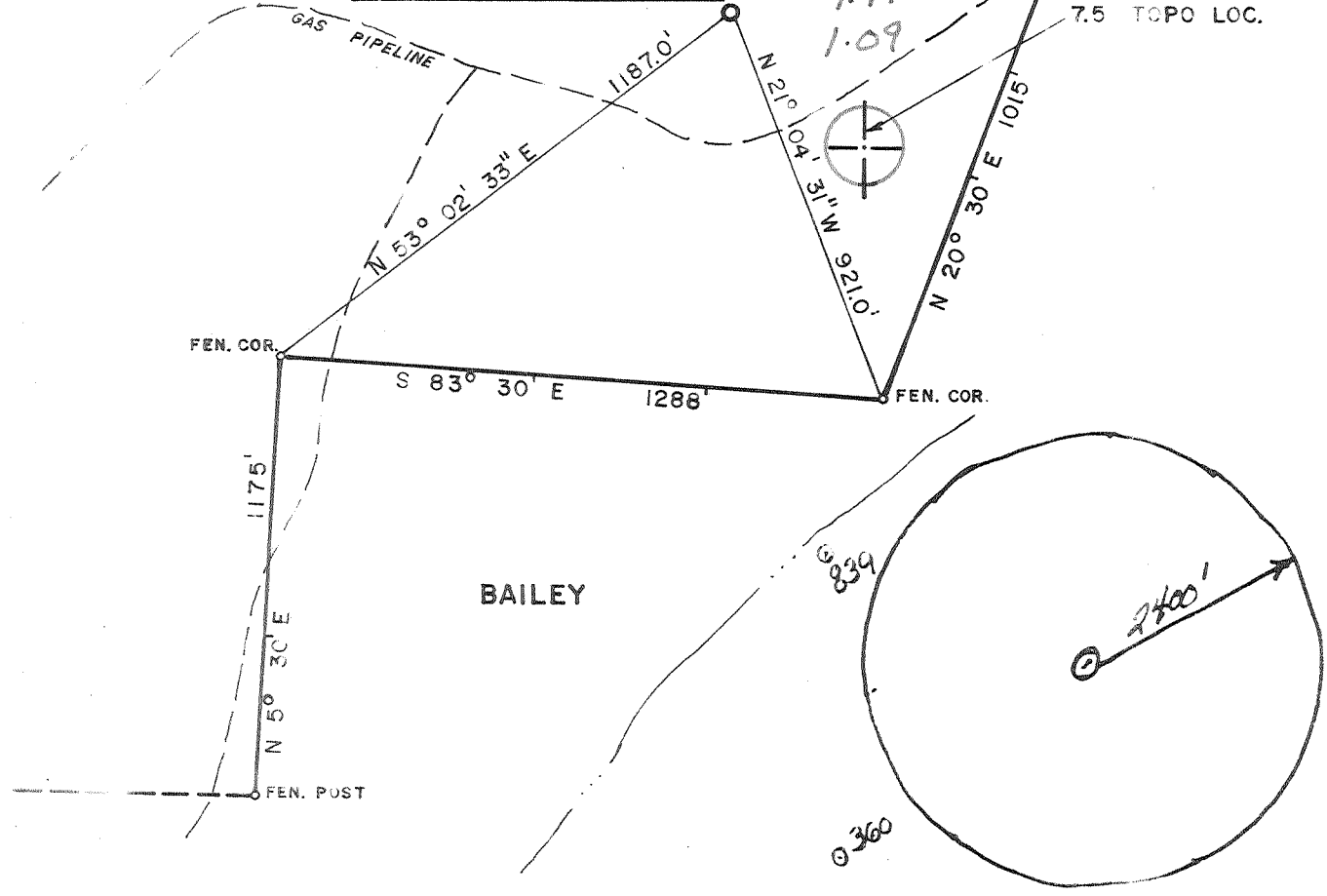
**PROPOSED LOCATION**

1.49  
1.09

7.5 TOPO LOC.

NORTH

LONGITUDE 82° 15'



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

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1"=400'  
 MINIMUM DEGREE OF ACCURACY 1/1000  
 PROVEN SOURCE OF ELEVATION U.S. DATA - FORKS OF ROAD PL. 612'

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) \_\_\_\_\_  
 R.P.E. \_\_\_\_\_ L.L.S. NO. 35C

405  
 PLACE SEAL HERE

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



DATE NOVEMBER 27, 1989  
 OPERATOR'S WELL NO. ESTLER NO. 1  
 API WELL NO. \_\_\_\_\_

WELL TYPE: OIL \_\_\_\_\_ GAS X LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS,") PRODUCTION X STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW \_\_\_\_\_  
 LOCATION: ELEVATION 824.1' WATER SHED GUYANDOTTE RIVER  
 DISTRICT BARBOURSVILLE COUNTY CABELL  
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SURFACE OWNER ROBERT H. & MARY LOU ESTLER ACREAGE 76.38  
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 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 DEVONIAN SHALE ESTIMATED DEPTH 3800'  
 WELL OPERATOR CONTINENTAL RESERVES OIL CO DESIGNATED AGENT NANCY COLTON  
 ADDRESS 147-3 WEST MAIN STREET ADDRESS 147-3 WEST MAIN STREET  
BRIDGEPORT, WV BRIDGEPORT, WV

COUNTY NAME  
PERMIT

198

JAN 05 1990

71-011-0840

FORM NO. 2B

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

Page 2 of 2  
Issued 12/20/89  
Expires 12/20/91

- 1) Well Operator: Continental Reserves Oil Company
- 2) Operator's Well Number: Estler #1 3) Elevation: \_\_\_\_\_
- 4) Well type: (a) Oil    / or Gas X /  
(b) If Gas: Production    / Underground Storage    /  
Deep    / Shallow X /
- 5) Proposed Target Formation(s): Devonian Shale
- 6) Proposed Total Depth: 3800 feet
- 7) Approximate fresh water strata depths: 60', 490', 284', 299'
- 8) Approximate salt water depths: ~~640'~~ 1416', 1914', 1109'
- 9) Approximate coal seam depths: ~~None~~ 924'-932'?
- 10) Does land contain coal seams tributary to active mine? Yes    / No X /
- 11) Proposed Well Work: Drill through and shoot Devonian Shale
- 12) Drill & Stimulate New Well

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		FOOTAGE INTERVALS			CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor	13-3/8"	J-55	54.5	31'	Pull	38CSR-11.3
Fresh Water	8-5/8"	J-55	24	700'	700'	Surface
Coal						38CSR-11.2.2
Intermediate	7"	J-55	20	2400'	2400'	125 SKS
Production						38CSR-11.1
Tubing						
Liners						

**RECEIVED**  
DEC 11 1989

PACKERS : Kind \_\_\_\_\_  
Sizes \_\_\_\_\_  
Depths set \_\_\_\_\_  
DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

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)

77-011-000

**RECEIVED**  
**DEC 11 1989**

Page 1 of \_\_\_\_\_  
Form WW2-A  
(09/87)  
File Copy

DIVISION OF OIL AND GAS  
DEPARTMENT OF ENERGY

1) Date: 12-08-89  
2) Operator's well number  
#1  
3) API Well No: 47 - 011 - 0840  
State - County - Permit

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

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- |   |   |
|---|---|
| <p>4) Surface Owner(s) to be served:</p> <p>(a) Name <u>Robert H. Estler</u><br/>Address <u>P.O. Box 2</u><br/><u>Barboursville, WV 25504</u></p> <p>(b) Name _____<br/>Address _____</p> <p>(c) Name _____<br/>Address _____</p> | <p>5) (a) Coal Operator:</p> <p>Name <u>None</u><br/>Address _____</p> <p>(b) Coal Owner(s) with Declaration</p> <p>Name <u>Robert H. Estler</u><br/>Address <u>P.O. Box 2</u><br/><u>Barboursville, WV 25504</u></p> <p>Name _____<br/>Address _____</p> <p>(c) Coal Lessee with Declaration</p> <p>Name <u>None</u><br/>Address _____</p> |
| <p>6) Inspector <u>Jerry Holcomb</u><br/>Address <u>Rt. 2, Box 159 - Hwy. #34</u><br/><u>Hamlin, WV 25523</u><br/>Telephone (304)- <u>824-5963</u></p>  |   |

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 Continental Reserves Oil Co.  
 By: L. Michael Scureman *Michael Scureman*  
 Its: President  
 Address 147-3 W. Main Street  
Bridgeport, WV 26330  
 Telephone (304) 842-5446

Subscribed and sworn before me this 8<sup>th</sup> day of December, 1989

Nancy D. Colton Notary Public  
 My commission expires My Commission Expires September 26, 1993