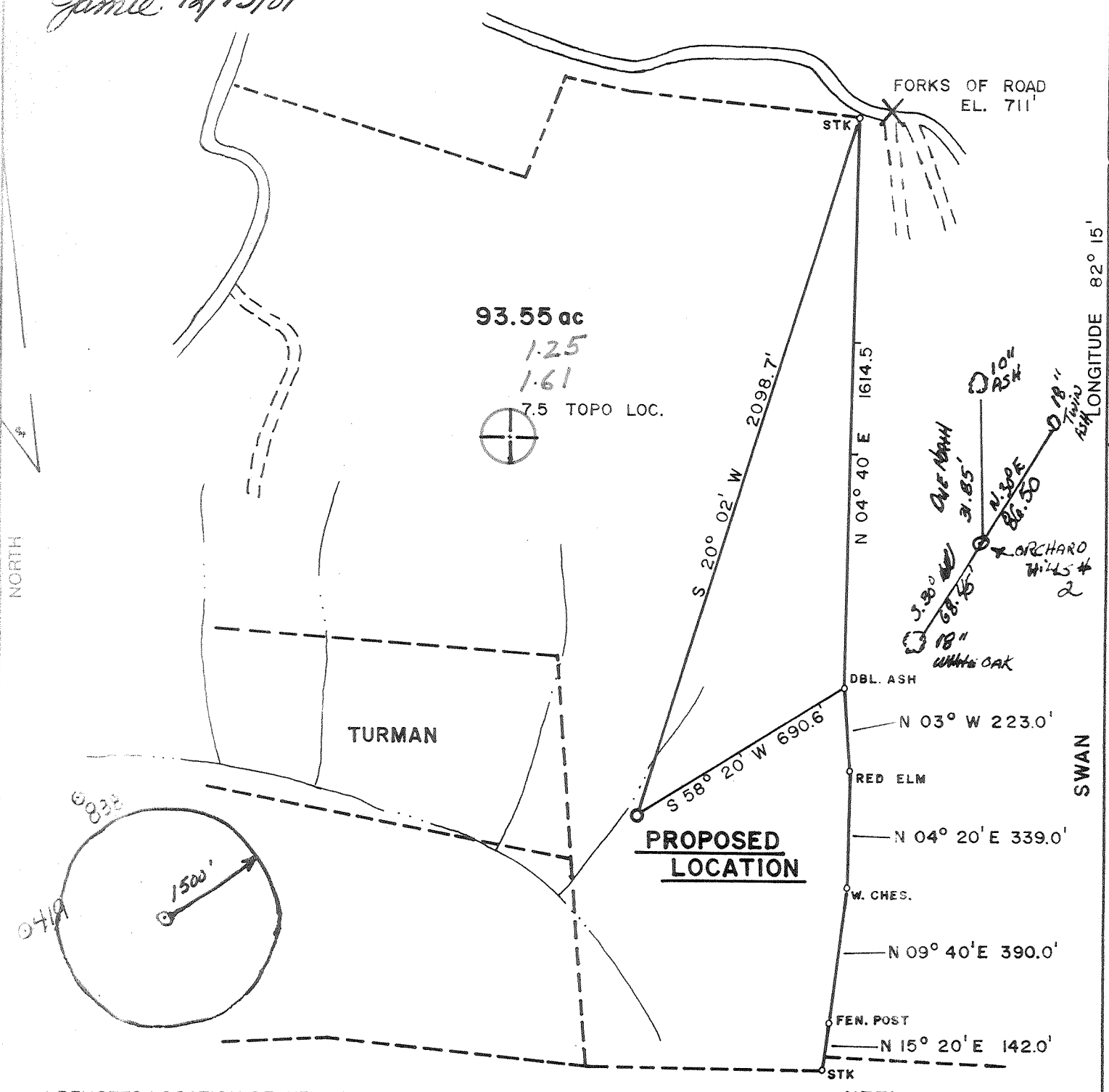
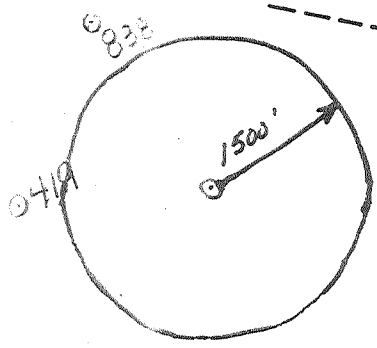


Jamie 12/15/89

8560' LATITUDE 38° 25'



93.55 ac  
1.25  
1.61  
7.5 TOPO LOC.



(+) 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. 711' SHOWN

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) [Signature]  
 R.P.E. \_\_\_\_\_ L.L.S. NO. 356

PLACE SEAL HERE

STATE OF WEST VIRGINIA  
 DEPARTMENT OF ENERGY  
 OIL AND GAS DIVISION



DATE NOVEMBER 27, 1989  
 OPERATOR'S WELL NO. ORCHARD HILLS 2  
 API WELL NO.

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW \_\_\_  
 LOCATION: ELEVATION 606.7' WATERSHED GUYANDOTTE RIVER  
 DISTRICT BARBOURSVILLE COUNTY CABELL  
 QUADRANGLE BARBOURSVILLE  
 SURFACE OWNER ORCHARD HILLS COUNTRY CLUB ACREAGE 93.55  
 OIL & GAS ROYALTY OWNER ORCHARD HILLS COUNTRY CLUB LEASE ACREAGE 93.55  
 LEASE NO. \_\_\_\_\_

47 - 011 - 0839  
 STATE COUNTY PERMIT

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 RESERVE OIL CO. DESIGNATED AGENT NANCY COLTON  
 ADDRESS 147-3 WEST MAIN STREET BRIDGEPORT, W V 26330  
 ADDRESS 147-3 WEST MAIN STREET BRIDGEPORT, W V 26330

EQUILONGITUDE 82° 15' 6700'

SWAN

COUNTY NAME

PERMIT

198

JAN 05 1990

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

Page 2  
Issued 12/20/89  
Expires 12/20/91  
1/0/5 (1) 231

- 1) Well Operator: Continental Reserves Oil Company  
Orchard Hills
- 2) Operator's Well Number: Country Club #2 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', 386', 576'
- 8) Approximate salt water depths: 640'?
- 9) Approximate coal seam depths: None
- 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
Conductor	13-3/8"	J-55	54.5	31'	Pull	38CSR18-11.3
Fresh Water	8-5/8"	J-55	24	700'	700' ←	Surface
Coal						
Intermediate	7"	J-55	20	2400'	2400' ←	125 SKS 38CSR18-11
Production						
Tubing						
Liners						

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

**RECEIVED**  
DEC 11 1989

For Division of Oil and Gas Use Only

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

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

**RECEIVED**  
DEC 11 1989

DIVISION OF OIL & GAS 3)  
DEPARTMENT OF ENERGY

Date: 12-08-89  
Operator's well number #2  
API Well No: 47 - 011 - 0839  
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 Orchard Hills Country Club Inc. Name None
  - Address Box 264 Orchard Hill Rd. Address \_\_\_\_\_
  - Barboursville, WV 25504
  - (b) Name \_\_\_\_\_ (b) Coal Owner(s) with Declaration
  - Address \_\_\_\_\_ Name Orchard Hills Country Club Inc.
  - (c) Name \_\_\_\_\_ Address Box 264 Orchard Hill Rd.
  - Address \_\_\_\_\_ Barboursville, WV 25504
  - Name \_\_\_\_\_
  - Address \_\_\_\_\_
- 6) Inspector Jerry Holcomb (c) Coal Lessee with Declaration
- Address Rt. 2, Box 159 - Hwy. #34 Name None
  - Hamlin, WV 25523 Address \_\_\_\_\_
  - Telephone (304)-824-5963

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

x 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)
- 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.

Well Operator Continental Reserves Oil Co.  
By: J. Michael Scureman *J. 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

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