

8/13/87 6/23/87

WELL REFERENCE TIES
S 68°55' W 297.53' TO A EXISTING WELL
S 70°23' W 208.06' TO 10" TWIN HICKORY

8950'

LATITUDE 39°10'00"

LONGITUDE 80°42'30"

PROPOSED WELL
CNGD 2934
EL: 1121.70

N89°43'E
611.24'
N83°33'E
997.52'
S68°55'W
297.53'

N74°00'E 511.50'
N32°00'E 528.00'
N74°00'E 511.50'

S38°00'E 1287.00'

STONE IN
OLD RD. BASE
3 HACKS

N74°00'E 395.30'
N44°00'W 198.00'
N20°00'W 99.00'

STONE
3 HACKS

N25°00'W 396.00'

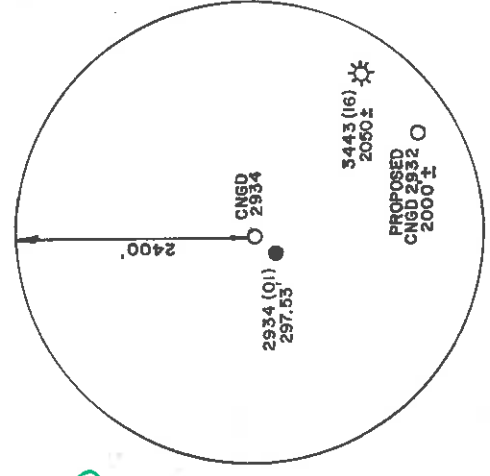
N40°00'W 198.00'

S72°00'W 1551.00'

WALKER W. EVANS III
30 AC. SURFACE

W. W. EVANS III

COVE CREEK



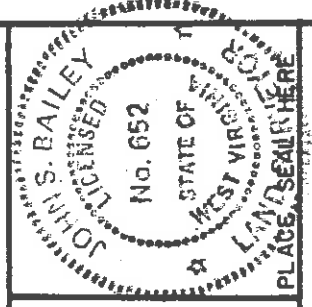
2.0453
1.7033

PJH
5-27-87

NORTH

FILE NO. MSES 87-766
DRAWN BY JSB/RVS
SCALE 1" = 500'
MINIMUM DEGREE OF
ACCURACY 1 PART IN 200
PROVEN SOURCE OF
ELEVATION BM EL. 847.1700' S.W. 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) *John S. Bailey*
R. P. E. L. L. S. 652



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



Department of Mines
Oil & Gas Division

DATE APRIL 9, 19 87
OPERATOR'S WELL NO. CNGD 2934
API WELL NO. 47-017-3563
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL SHALLOW
(IF "GAS", PRODUCTION STORAGE DEEP COVE CREEK OF LITTLE LEADING CREEK

LOCATION: ELEVATION 1121.70' WATER SHED COUNTY DODDRIDGE
DISTRICT COVE 2
QUADRANGLE NEW MILTON 7.5' 511' NEAREST TOWN LEOPOLD
SURFACE OWNER WALKER W. EVANS III 123 ACRES 30
OIL & GAS ROYALTY OWNER J. WANSTREET LEASE NO. DV-11702 LEASE ACREAGE 216

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 DEVONIAN SHALE ESTIMATED DEPTH 5540'
WELL OPERATOR CNG DEVELOPMENT COMPANY DESIGNATED AGENT GARY A. NICHOLAS JUL 13 1987
ADDRESS P.O. BOX 15746 BRIDGEPORT, WV 26330

M.S.P.S. consultants, inc.

Clarksburg, WV

1) Date: May 28, 19 87
 2) Operator's Well No. CNGD 2934
 3) API Well No. 47 State 017 County 3563 Permit



RECEIVED
 JUN 17 1987

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

4) WELL TYPE: A Oil Gas
 B (If "Gas", Production Shallow
 Elevation: 1121.70 Cove Creek of Little Leading Creek
 District: Cove 017 Quadrangle: New Milton 510
 6) WELL OPERATOR CNG Development Co CODE: 10110 7) DESIGNATED AGENT Gary Nicholas
 Address c/o Cheryl S. Hartle P.O. Box 15746 Crosswind Corporate Park
Pittsburgh, PA 15244 141 Rt. 2, Box 698, Bridgeport, WV 26330

8) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Mike Underwood
 Address Route 2, Box 114
Salem, WV 26426

9) DRILLING CONTRACTOR:
 Name Sam Jack Drilling Co.
 Address P.O. Box 48
Buckhannon, WV 26201

10) PROPOSED WELL WORK: Drill / deeper / Redrill / Stimulate
 Plug off old formation / Perforate new formation
 Other physical change in well (specify) _____

11) GEOLOGICAL TARGET FORMATION, Alexander
 12) Estimated depth of completed well, 5540 feet
 13) Approximate trata depths: Fresh, _____ feet; salt, _____ feet.
 14) Approximate coal seam depths: _____ feet. Is coal being mined in the area? Yes _____ No _____

15) CASING AND TUBING PROGRAM No info available

CASING OR TUBING TYPE	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	For drilling		
Conductor	11-3/4	H-40	42	250	250	By rule 15.05
Fresh water						
Coal	8-5/8	X-42	23	1425	1425	By rule 15.05
Intermediate	4-1/2	J-55	10.5	5540	200 - 400	Depth set
Production	1-1/2	CN-55	2.75			By rule 15.01
Tubing						Perforations:
Liners						Top _____ Bottom _____

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-017-3563 Date July 6 19 87

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 July 6, 1989 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <input checked="" type="checkbox"/>	Agent: <input checked="" type="checkbox"/>	Plat: <input checked="" type="checkbox"/>	Fee: <u>18896</u>	Other: <input checked="" type="checkbox"/>
			<u>212.87B</u>	

10320

NOTE: Keep one copy of this permit posted at the drilling location. Director, Division of Oil and Gas File

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

