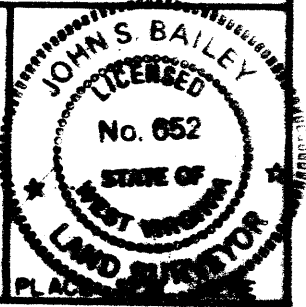


- ⊙ N35°25'W
- ⊙ N67°41'W 81.2'
- ⊙ S61°34'W 506.08'
- ⊙ N84°05'W 203'
- ⊙ N63°21'W 281.57'
- ⊙ S58°54'W 72.2'
- ⊙ S03°24'W 118.5'

MAGNETIC REFERENCE TIE LINES
 PROPOSED WELL TO 6" TWIN YELLOW POP. S66°39'E 132.25'
 PROPOSED WELL TO 12" YELLOW POP. S19°34'E 100.90'

FILE NO. MSES84-556
 DRAWN BY PJD
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 IN 200
 PROVEN SOURCE OF ELEVATION BIT. CO. RTS. 20 & 20/2
1300' SW OF LOC. - EL. 731

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



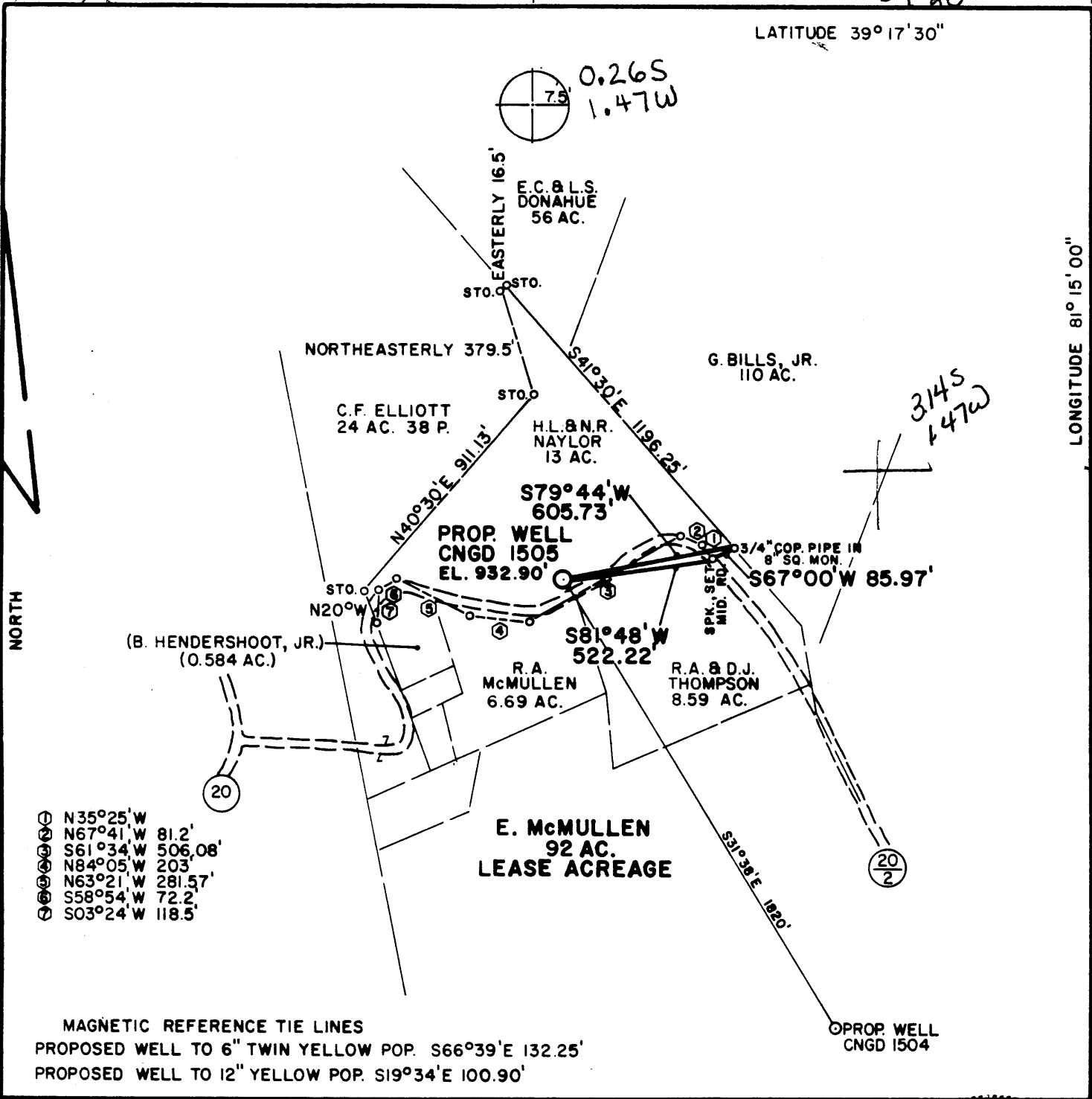
(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6
 (8-78)



Department of Mines
 Oil & Gas Division

DATE NOVEMBER 6, 1984
 OPERATOR'S WELL NO. CNGD 1505
 API WELL NO. 47-107-1342
 STATE COUNTY PERMIT
Corrected
See: 107-1395

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS", PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X)
 LOCATION: ELEVATION 932.90' WATER SHED CAMPBELL RUN
 DISTRICT WALKER COUNTY WOOD
 QUADRANGLE WILLOW ISLAND 7.5' 1957 (1976)
 SURFACE OWNER HERBERT L. & NAOMI R. NAYLOR ACREAGE 13
 OIL & GAS ROYALTY OWNER EDITH McMULLEN, ET AL. LEASE ACREAGE 92
 LEASE NO. DY 603
 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 3750' **JAN 13 1986**
 WELL OPERATOR CNG DEVELOPMENT COMPANY DESIGNATED AGENT GARY A. NICHOLAS
 ADDRESS ONE PARK RIDGE CENTER ADDRESS RT. 2, BOX 698
PITTSBURGH, PA 15244 BRIDGEPORT, WV 26330



MAGNETIC REFERENCE TIE LINES
 PROPOSED WELL TO 6" TWIN YELLOW POP. S66°39'E 132.25'
 PROPOSED WELL TO 12" YELLOW POP. S19°34'E 100.90'

FILE NO. MSES84-556

DRAWN BY PJD

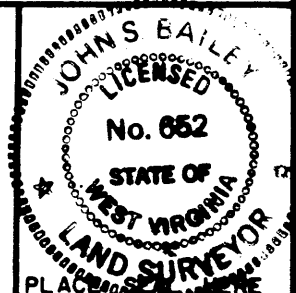
SCALE 1" = 500'

MINIMUM DEGREE OF ACCURACY 1 IN 200

PROVEN SOURCE OF ELEVATION INT. CO. RTS. 20.8 20/2
1300 SW OF LOC. - EL. 731

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 NOVEMBER 6, 1984
 OPERATOR'S WELL NO. CNGD 1505
 API WELL NO. 47-107-1342
 STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS", PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW X)

LOCATION: ELEVATION 932.90' WATER SHED CAMPBELL RUN
 DISTRICT WALKER 9 COUNTY WOOD

QUADRANGLE WILLOW ISLAND 7.5' 1957(1976) Marionette 15' SE 9

SURFACE OWNER HERBERT L. & NAOMI R. NAYLOR ACREAGE 073
 OIL & GAS ROYALTY OWNER EDITH McMULLEN, ET AL. LEASE ACREAGE 92
 LEASE NO. DV 603

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 3750'

WELL OPERATOR CNG DEVELOPMENT COMPANY DESIGNATED AGENT GARY A. NICHOLAS

ADDRESS ONE PARK RIDGE CENTER ADDRESS RT. 2, BOX 698
PITTSBURGH, PA 15244 BRIDGEPORT, WV 26330

JAN 14 1985

RECEIVED
DEC 10 1984



1) Date: December 4, 19 84
 2) Operator's Well No. 1505
 3) API Well No. 47 - 107 - 1342
 State County Permit

**OIL & GAS DIVISION
 DEPT. OF MINES**

**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: 932.9 Watershed: Campbell Run
 District: Walker County: Wood Quadrangle: Willow Island 7.5
- 6) WELL OPERATOR CNG Development Co.
 Address c/o Paul W. Garrett, P.O. Box 15746
 Pittsburgh, PA 15244 10110
- 7) DESIGNATED AGENT Mr. Gary Nicholas
 Address Crosswind Corporate Park
 Rt. 2, Box 698, Bridgeport, WV 26330
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Glen P. Robinson
 Address Rt. 1, #6, Mt. Pleasant Estate
 Mineralwells, WV 26150
- 9) DRILLING CONTRACTOR:
 Name Sam Jack Drilling Co.
 Address P. O. Box 48
 Buckhannon, WV 26201
- 10) PROPOSED WELL WORK: Drill / Drill deeper _____ / Redrill _____ / Stimulate /
 Plug off old formation _____ / Perforate new formation _____
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Devonian Shale
- 12) Estimated depth of completed well, 3750 feet
- 13) Approximate trata depths: Fresh, - feet; salt, - feet.
- 14) Approximate coal seam depths: - 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	16					20 - 30	-		Kinds
Fresh water	11 3/4	H-40	42	X		250	250	To Surface	By Rule 15.05
Coal									Sizes
Intermediate	8 5/8	X-42	23	X		1350	1350	To Surface	
Production	4 1/2	J-55	10.5	X		3750	3750	200 - 400	Depths set
Tubing	2 3/8	CW-55	4.6	X					By Rule 15.01
Liners									Perforations: Top Bottom

**OFFICE USE ONLY
 DRILLING PERMIT**

Permit number 47-107-1342 Date January 3, 19 85

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 January 3, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee
28	MW	MW MW		004-990

Margaret J. Hesse
 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