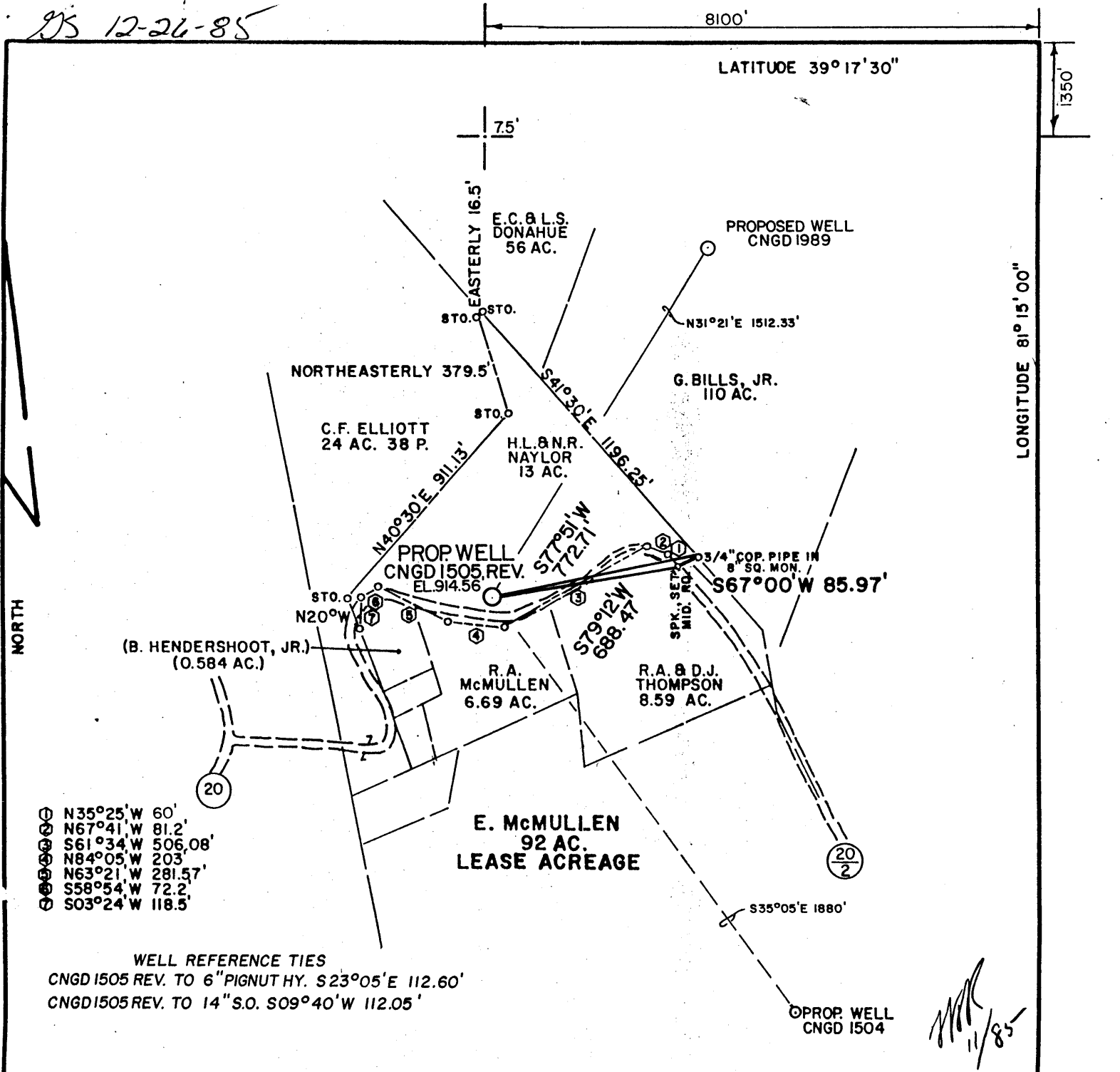


95 12-26-85



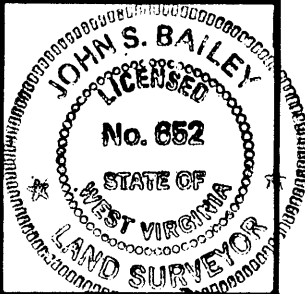
- ⊙ N35°25'W 60'
- ⊙ N67°41'W 81.2'
- ⊙ S61°34'W 506.08'
- ⊙ N84°05'W 203'
- ⊙ N63°21'W 281.57'
- ⊙ S58°54'W 72.2'
- ⊙ S03°24'W 118.5'

WELL REFERENCE TIES  
 CNGD 1505 REV. TO 6" PIGNUTHY. S23°05'E 112.60'  
 CNGD 1505 REV. TO 14" S.O. S09°40'W 112.05'

*John S. Bailey*  
 11/85

FILE NO. MSES84-556  
 DRAWN BY RVS-JSB  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1 IN 200  
 PROVEN SOURCE OF ELEVATION INT. 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)



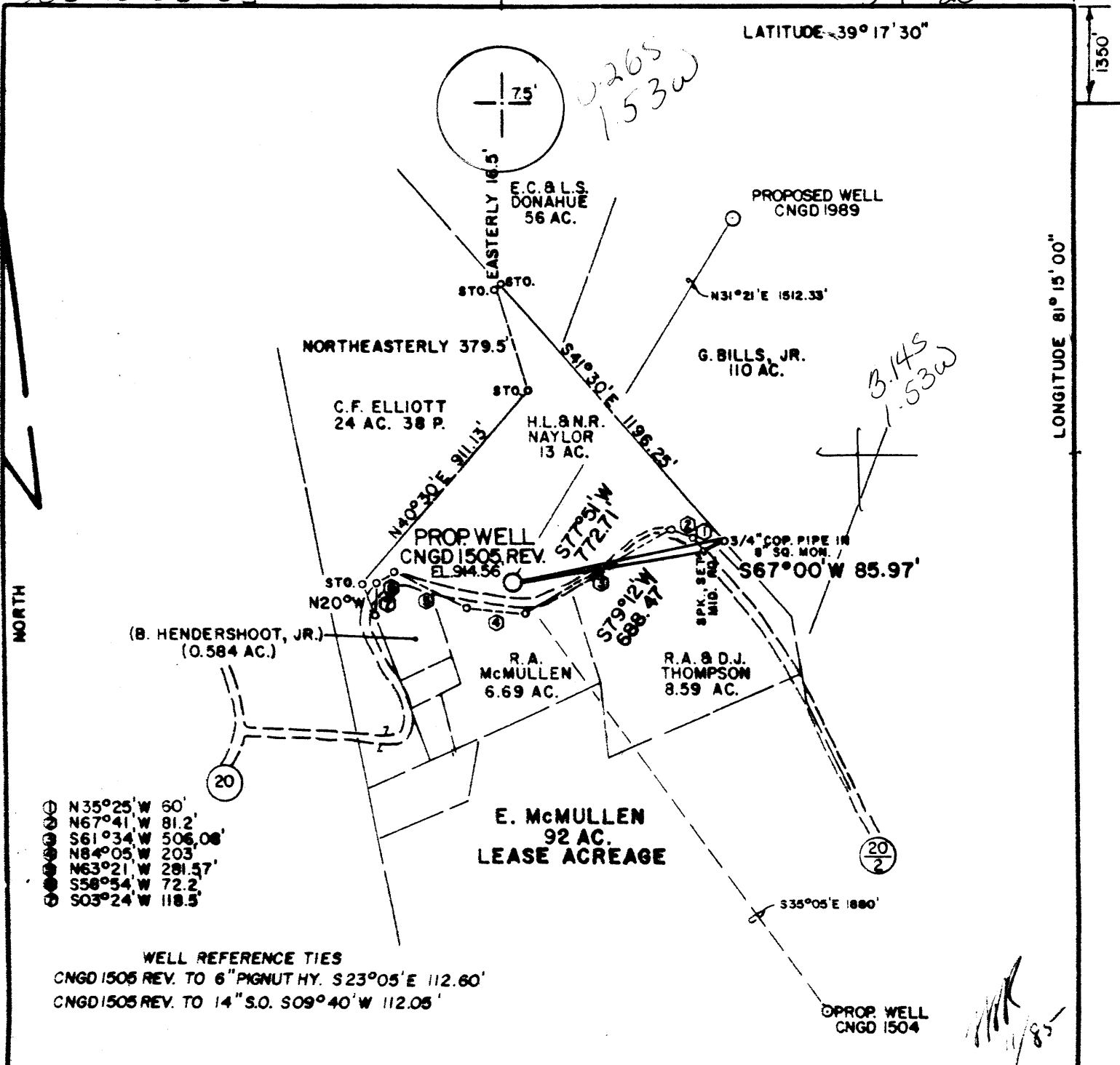
Department of Mines  
 Oil & Gas Division

DATE JUNE 24, 1985  
 OPERATOR'S WELL NO. CNGD 1505 REV.  
 API WELL NO. 47-107-1395  
 STATE COUNTY PERMIT

*CANCELLED*

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS", PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X)  
 LOCATION: ELEVATION 914.56' 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. DV 603  
 PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR  
 STIMULATE \_\_\_ PLUG OFF O.L.D FORMATION \_\_\_ PERFORATE NEW  
 FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_  
 PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION DEVONIAN SHALE ESTIMATED DEPTH 3700'  
 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

MAR 4 1988



- ① N35°25'W 60'
- ② N67°41'W 81.2'
- ③ S61°34'W 506.08'
- ④ N84°05'W 203'
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 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 JUNE 24, 19 85  
 OPERATOR'S WELL NO. CNGD 1505 REV.  
 API WELL NO. 47-107-1395  
 STATE COUNTY PERMIT

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS", PRODUCTION \_\_\_ STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X)  
 LOCATION: ELEVATION 914.56' WATER SHED CAMPRELL RUN  
 DISTRICT WALKER 9 COUNTY WOOD  
 QUADRANGLE WILLOW ISLAND 7.5' 1957 (1976) 686 073 SE9  
 SURFACE OWNER HERBERT L. & NAOMI R. NAYLOR ACREAGE 13  
 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 O'LD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ OTHER PHYS CAL CHANGE IN WELL (SPECIFY) \_\_\_

PLUS AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION DEVONIAN SHALE ESTIMATED DEPTH 3700'  
 WELL OPERATOR CNG DEVELOPMENT COMPANY DESIGNATED AGENT GARY A. NICHOLAS  
 ADDRESS ONE PARK RIDGE CENTER ADDRESS RT. 2, BOX 698

1686

**RECEIVED**  
DEC - 6 1985



1) Date: November 15, 19 85

2) Operator's Well No. 1505(Revised)

3) API Well No. 47 107 1395  
State County Permit

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

- 4) WELL TYPE: A Oil  / Gas \_\_\_\_\_  
B (If "Gas", Production \_\_\_\_\_ / Underground storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow \_\_\_\_\_)
- 5) LOCATION: Elevation: 914.56 Watershed: Cambell Run  
District: Walker 142 County: Wood Quadrangle: Willow Island
- 6) WELL OPERATOR CNG Development Co CODE: 10110 7) DESIGNATED AGENT Gary Nicholas  
Address c/o Paul W. Garrett, P.O. Box 15746 Address Crosswind Corporate Park  
Pittsburgh, PA 15244 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 40
- 12) Estimated depth of completed well, 3700 feet
- 13) Approximate strata depths: Fresh, 215 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		200	200	To Surface	By Rule 15.05
Coal									Sizes
Intermediate	8-5/8	X-42	23	x		1380	1380	To Surface	
Production	4-1/2	J-55	10.5	x		3700	3700	200-400	Depths set
Tubing	1-1/2	CN-55	2.75	x					By Rule 15.01
Lin...									Perforations
									Top Bottom

OFFICE USE ONLY  
DRILLING PERMIT

Permit number 47-107-1395

December 31 19 85  
Date

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 December 31, 1987 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <input checked="" type="checkbox"/>	Agent: <u>AB</u>	Plat: <u>JK</u>	Casing: <u>MW</u>	Fee: <u>12270</u>	WPCP: <u>MW</u>	S&E: <u>MD</u>	Other: _____
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NOTE: Keep one copy of this permit posted at the drilling location.

[Signature]  
Director, Division of Oil and Gas

File

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