

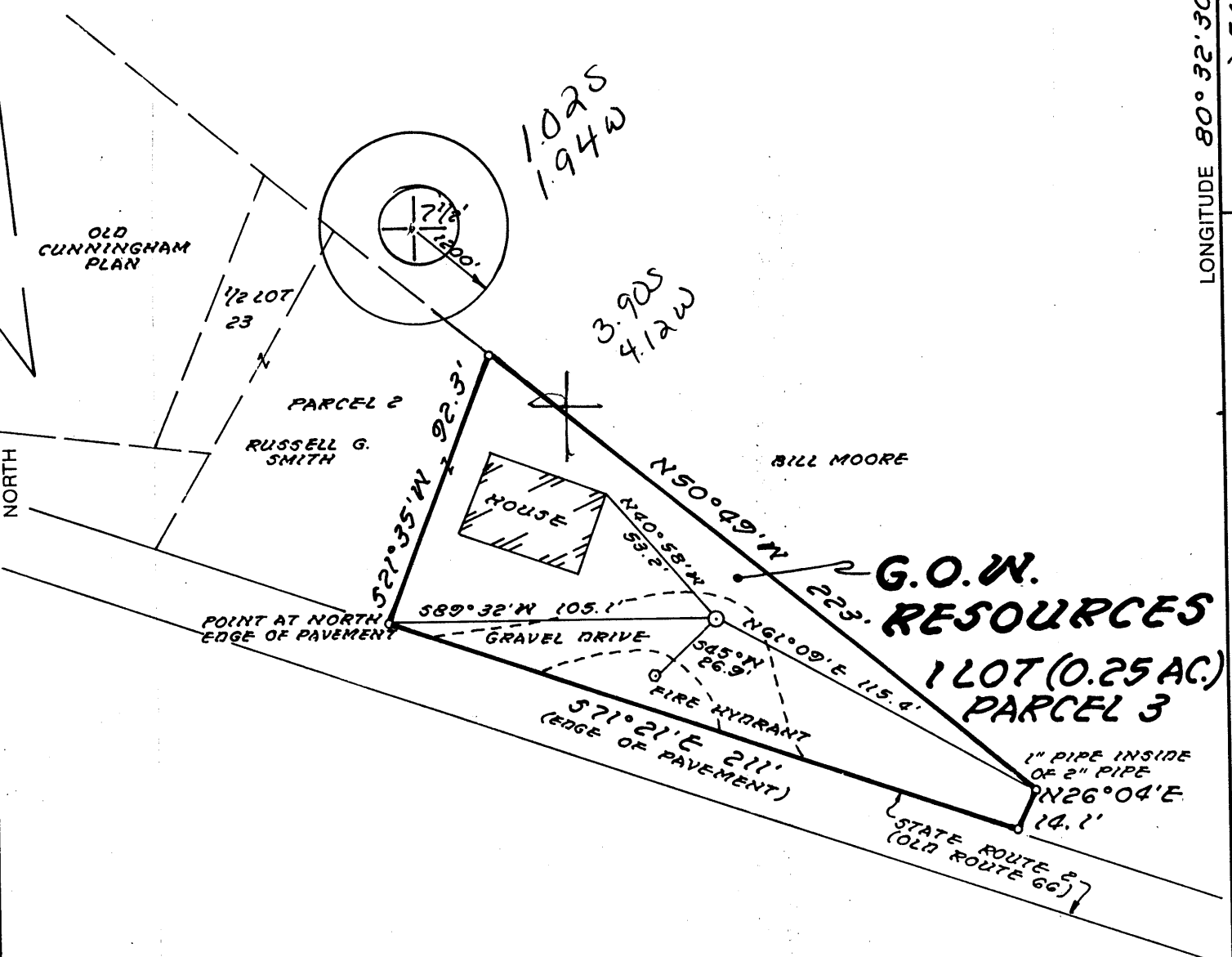
SFB 2/3/87

10,270' 40 40

LATITUDE 40°37'30"

LONGITUDE 80°32'30"

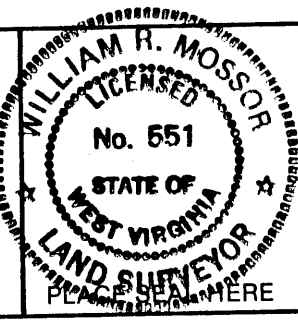
OLD CUNNINGHAM PLAN



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

FILE NO. MB12-7
 DRAWING NO. _____
 SCALE 1" = 50'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION STREET INT. 711'

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) William R. Mossor
 R.P.E. _____ L.L.S. 551



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION



DATE 24 DECEMBER, 19 86
 OPERATOR'S WELL NO. GOW #8
 API WELL NO. _____

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 725' WATERSHED OHIO RIVER
 DISTRICT CHESTER CORP. COUNTY HANCOCK
 QUADRANGLE EAST LIVERPOOL SOUTH 7 1/2' 330 131 PC6
 SURFACE OWNER G.O.W. RESOURCES ACREAGE 1 LOT (0.25 AC.)
 OIL & GAS ROYALTY OWNER G.O.W. RESOURCES LEASE ACREAGE 1 LOT (PAR. 3, 0.25 AC.)

LEASE NO. _____
 PROPOSED WORK: DRILL CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____ PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 FEB 9 1987

PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION LOWER DEVONIAN ESTIMATED DEPTH 4000'
 WELL OPERATOR G.O.W. RESOURCES DESIGNATED AGENT RUSSELL G. SMITH
 ADDRESS P.O. BOX 191 ADDRESS ROUTE 1, BOX 66
CHESTER, WV 26034 CHESTER, WV 26034

FORM WW-6 H.T. HALL 4-8573

COUNTY NAME PERMIT

WW-2(B) FILE COPY
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 FEB 03 1987



1) Date: _____, 19____
 2) Operator's Well No. # 8 G.O.W.
 3) API Well No. 47 State 029 County 0125 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**

WELL TYPE: A Oil X / Gas X
 B (If "Gas", Production X / Underground storage Deep / Shallow X)
 LOCATION: Elevation: 423 / Watershed: Ohio River / 439
 District: Grant 3 / County: Marshall / Quadrangle: Elmwood Smith 7 1/2
 WELL OPERATOR: G.O.W. Resources / DESIGNATED AGENT: Russell H Smith
 Address: P.O. Box 191 / Address: R.D. Box 60
Chester, W.V.A. 26034 / Chester, W.V.A. 26034
 OIL & GAS INSPECTOR TO BE NOTIFIED: Mike Underwood / 9) DRILLING CONTRACTOR: G.O.W. Resources
 Name: Mike Underwood / Name: G.O.W. Resources
 Address: Route 2 Box 135 / Address: P.O. Box 191
Salerno, W.V.A. 26426 / Chester, W.V.A. 26034
 PROPOSED WELL WORK: Drill X / Drill deeper _____ / Redrill _____ / Stimulate X

Plug off old formation _____ / Perforate new formation _____
 Other physical change in well (specify) _____

GEOLOGICAL TARGET FORMATION: Lower Devonian
 2) Estimated depth of completed well, 4,000 feet
 3) Approximate strata depths: Fresh, 90-110 feet; salt, 240 feet.
 4) Approximate coal seam depths: None Is coal being mined in the area? Yes _____ / No X

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		
Conductor	10"	A	40#		X	25'	25'	Cement to surface
Water	8"	A	28#		X	140'	140'	
Intermediate	7"	A	20#		X	425'	425'	Cement to surface
Production	4 1/2"	A	10 3/4#	X		3,500'	3,500'	
								210 sacks

OFFICE USE ONLY
 DRILLING PERMIT

Permit number: 47-029-0125 Date: February 3 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 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 oil and gas inspector 24 hours before actual permitted work has commenced.)

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.
 This permit expires February 3, 1989 unless well work is commenced prior to that date and prosecuted with due diligence.

Agent:	Plat:	Casing:	Fee:	Other:
			1644	
			171	

Director, Division of Oil and Gas
 File