

39 15' W 1850' W
 LATITUDE 39° 12' 30" W
 LONGITUDE 80° 42' 30" W

NOTE: BEARINGS & DIST. IN () ARE DEED BEARINGS & DIST.
 OR PREVIOUS SURVEY CALLS.

TIES TO ADJOINING WELLS:

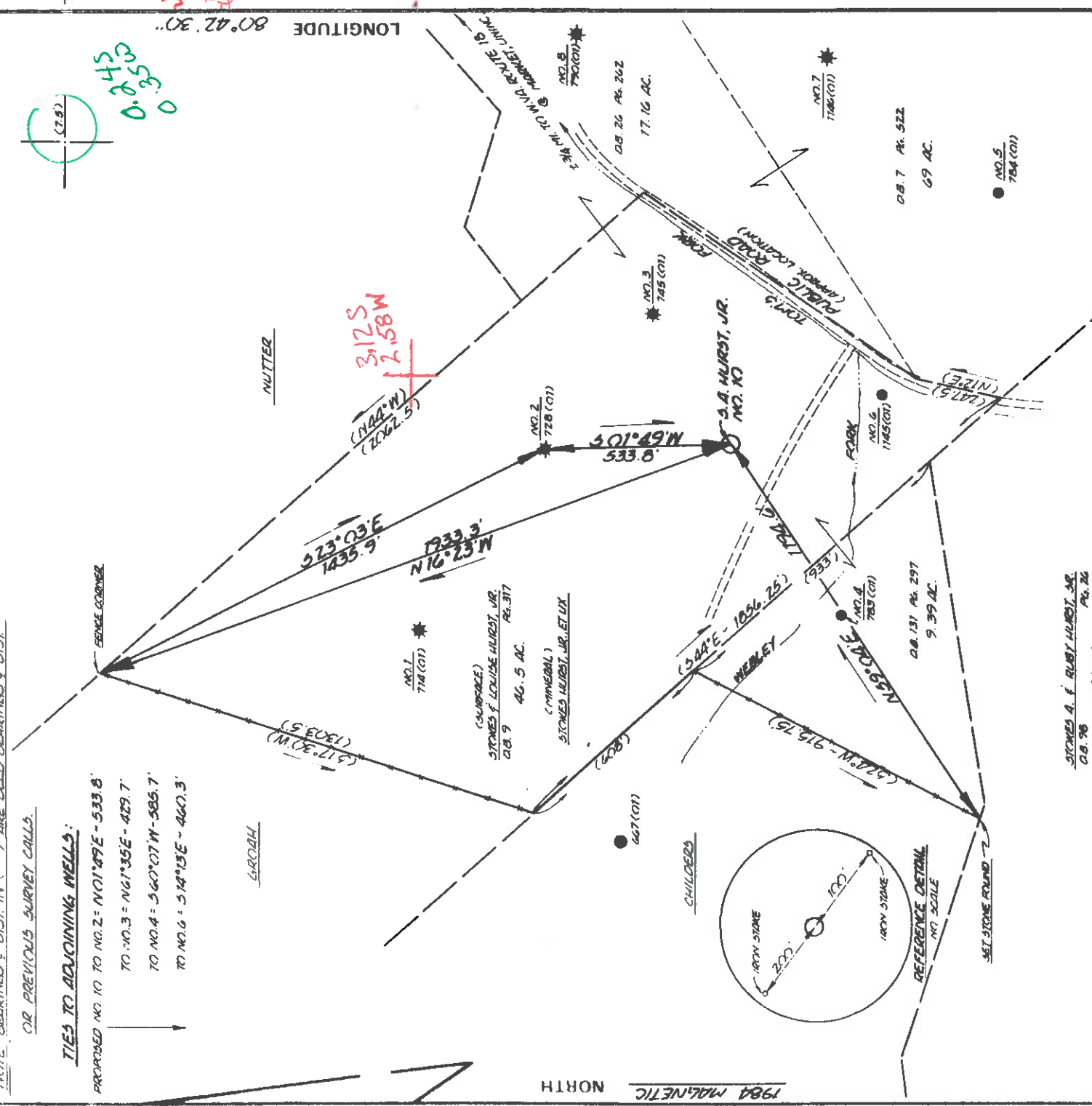
PROPOSED NO. 10 TO NO. 2 = $N01^{\circ}49'E - 533.8'$
 TO NO. 3 = $N61^{\circ}35'E - 429.7'$
 TO NO. 4 = $S60^{\circ}07'W - 585.7'$
 TO NO. 6 = $S14^{\circ}35'E - 460.3'$

ROAD

MUTTER

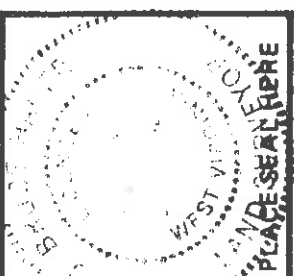
312 S
 2.58 W

1984 MAGNETIC NORTH



FILE NO. 8400-19
 DRAWING NO. _____
 SCALE 1" = 400'
 MINIMUM DEGREE OF ACCURACY 1' IN 2000'
 PROVEN SOURCE OF ELEVATION U.S.G.S. SPOT ELEV. & ROAD INTERSECTION @ POINT OF MEASUREMENT, E.L. 853

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) Bruce Logan R.P.E. 577



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

DATE MAR 2, 19 84
 OPERATOR'S WELL NO. 5-A HURST, JR. NO. 10
 API WELL NO. _____

STATE 47 COUNTY 017 PERMIT 3333

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS:") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 919.7 WATER SHED WEBLEY FORK OF TOM'S FORK OF MEADOWS FORK
 DISTRICT NEW MILTON COUNTY BOODRIDGE
 QUADRANGLE NEW MILTON T.S. S.1 ACREAGE 211
 SURFACE OWNER STOKES & LOUISE HURST, JR.
 OIL & GAS ROYALTY OWNER STOKES & LOUISE HURST, JR. ETLX LEASE ACREAGE 124

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORM NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) NOV 29 1984

PLUG AND ABANDON CLEAN OUT AND REPLUG
 TARGET FORMATION Big Injun ESTIMATED DEPTH 2154'
 WELL OPERATOR QUAKER STATE OIL REF. CO. DESIGNATED AGENT CARL J. CARLSON
 ADDRESS P.O. BOX 1327 ADDRESS _____

- 1) Date: April 11, 19 84
 2) Operator's Well No. S.A. HURST, JR. #10
 3) API Well No. 47 State West Virginia County Mingo Permit 47-017-3333



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
 Elevation: 919.7 Watershed: Webley Fork of Tom's Fork
 District: New Milton County: Doddridge Quadangle: New Milton 7.5'
 6) WELL OPERATOR QUAKER STATE OIL REF. CORP. REPRESENTED AGENT Carl J. Carlson
 Address P.O. Box 1327 P.O. Box 1327
Parkersburg, WV 26101 Parkersburg, WV 26101
 8) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Mike Underwood DRILLING CONTRACTOR: UNKNOWN

Address Route 2, Box 114
Salem, WV 26426 (304) 782-1043 DEPT. OF MINES
 10) PROPOSED WELL WORK: Drill Plug off old formation Stimulate
 Other physical change in well (specify) Big Injun

11) GEOLOGICAL TARGET FORMATION, Big Injun
 12) Estimated depth of completed well, 2154 feet
 13) Approximate true depths: Fresh, 150 feet; salt, 1179 feet. OIL & GAS DIVISION
 14) Approximate coal seam depths: None Is coal being mined in the area? Yes No DEPT. OF MINES

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.	Left in well		
Conductor						
Fresh water	8 5/8	H40	20	X	250	C.T.S. NEAT
Coal	7	H40	17	X		
Intermediate						
Production	4 1/2	J55	9.5	X	2154	
Tubing	2	J	4.5	X	2004	
Liners						

Perforations: Deposited reg. by rule 15-09
 Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-017-3333 Date May 22, 19 84

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 May 22, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond	Agent:	Plat:	Casing	Fee
BLANKET	<u>SA MW</u>	<u>MW 10784</u>		

[Signature]
 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