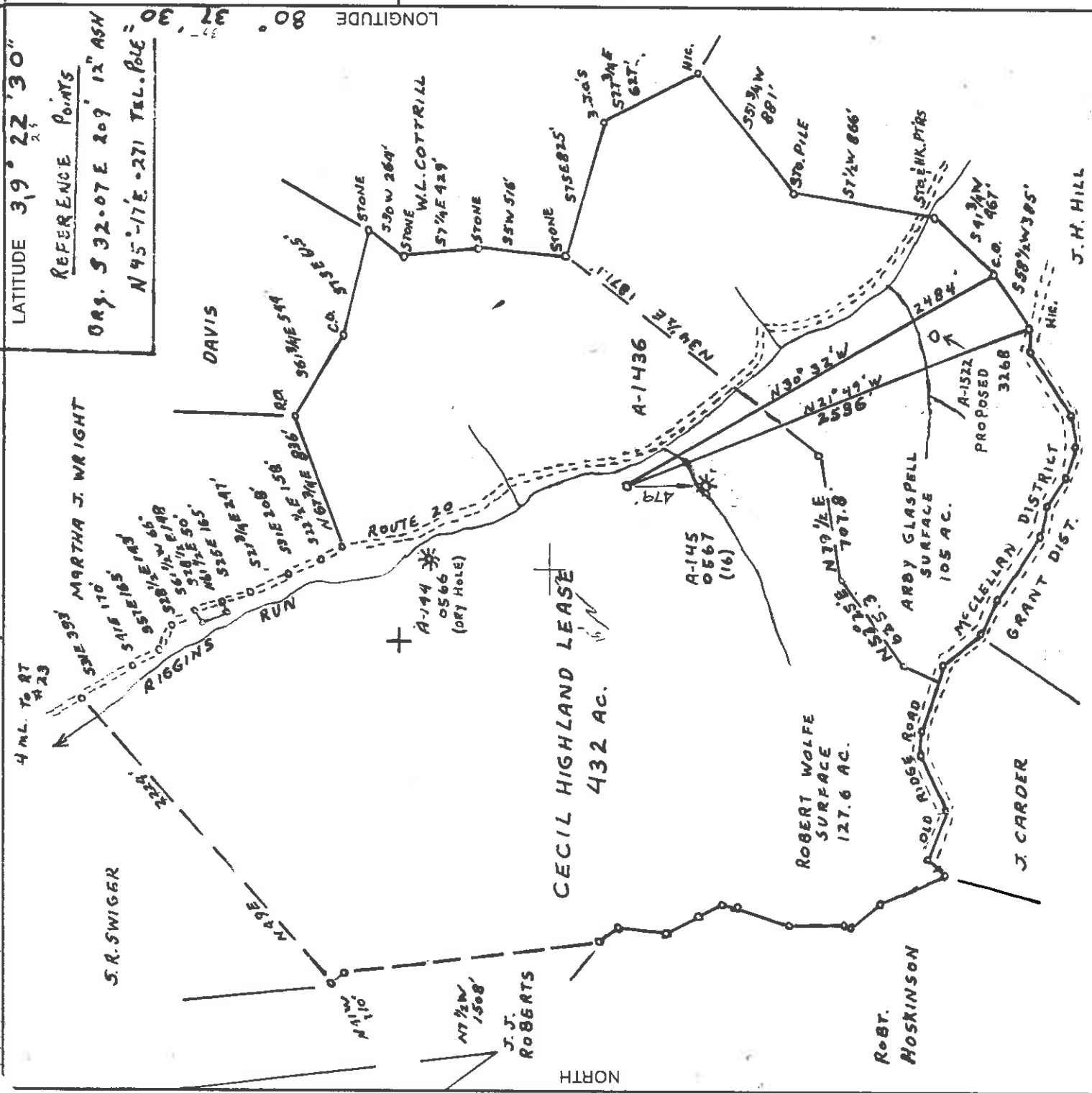


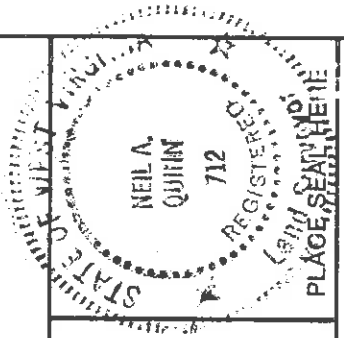
9200' LATITUDE 39° 22' 30" REFERENCE POINTS ORG. S 32.07 E 209' 12" ASH N 45°-17'E -271 TRL. BLE = 37' 30" LONGITUDE 80° 37' 30" 5725



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

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 800'  
 MINIMUM DEGREE OF ACCURACY 1:200'  
 PROVEN SOURCE OF ELEVATION ALAMCO WELL  
A-145 0567 ELEV. 967

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) Nail Quinn L.L.S. 712



STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

DATE 29 MAY 19 84  
 OPERATOR'S WELL NO. A-1436  
 API WELL NO. \_\_\_\_\_

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS:") PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION 1200' WATERSHED RIGGINS RUN  
 DISTRICT MCCLELLAN COUNTY DODDRIDGE  
 QUADRANGLE SMITHBURG, WV. 7 1/2  
 SURFACE OWNER ROBERT WOLFE  
 OIL & GAS ROYALTY OWNER CECIL HIGHLAND LEASE ACREAGE 432

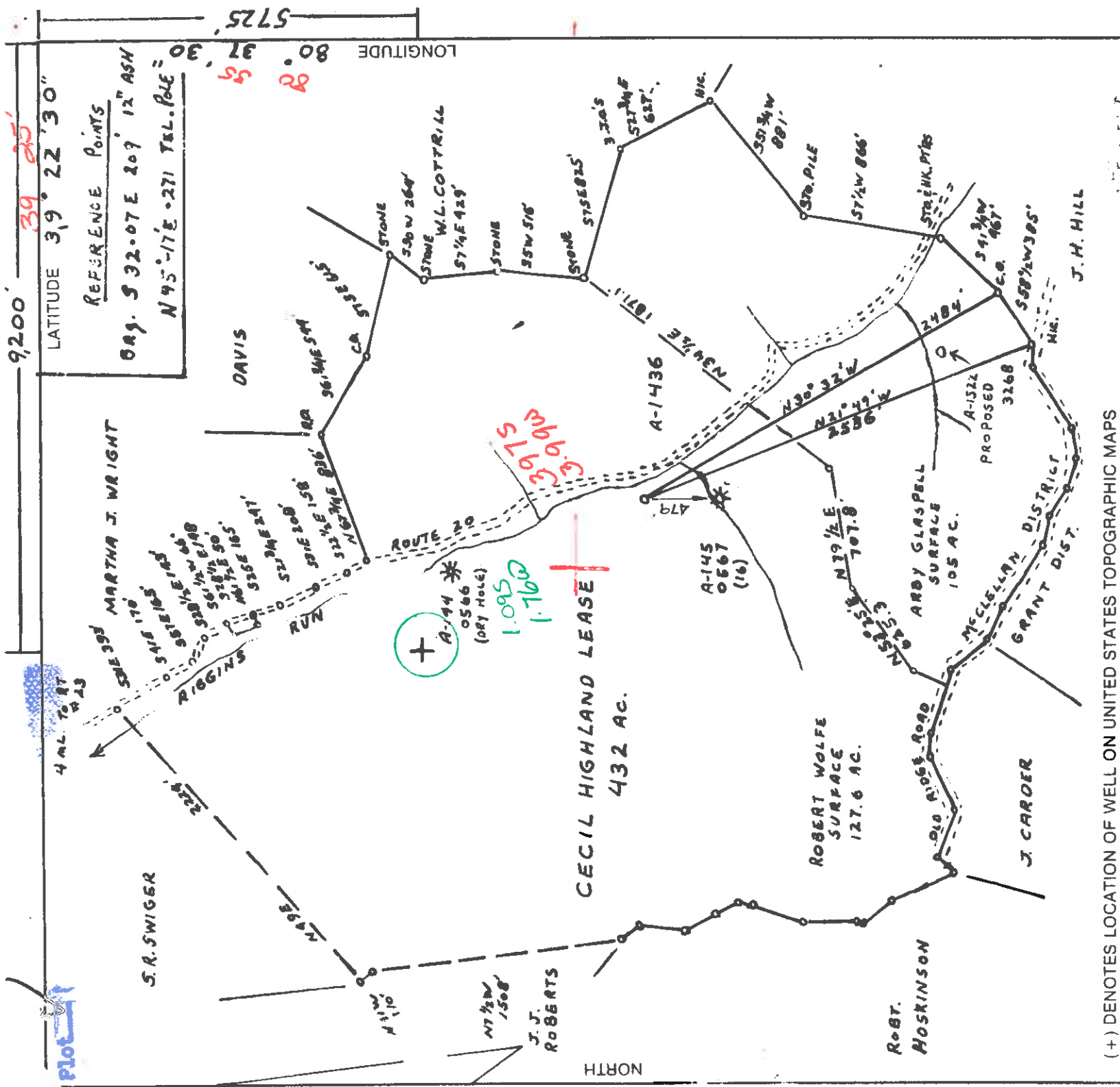
PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
 LEASE NO. 352

PLUG AND ABANDON  CLEAN OUT AND REPLUG   
 TARGET FORMATION ALEXANDER ESTIMATED DEPTH 5,450'  
 WELL OPERATOR ALAMCO DESIGNATED AGENT DANIEL L. WHEELER  
 ADDRESS P.O. Box 1140 ADDRESS P.O. Box 1740  
CLARKSBURG, VA 26302 CLARKSBURG, WVA. 26302

COUNTY NAME Dodd PERMIT 3342

STATE COUNTY PERMIT  
47-017-3342  
Cancelled

JAN 10 1987

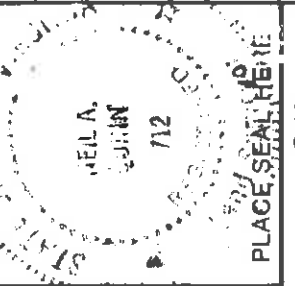


92.00' 39' 25" 30"  
 LATITUDE 39° 22' 30"  
 REFERENCE POINTS  
 ORG. S 32-07 E 209' 12" ASH  
 N 45-17 E -271 TEL. POLE =  
 80° 37' 30" 37' 30" 30"  
 5725'

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

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 200'  
 MINIMUM DEGREE OF ACCURACY 1:200  
 PROVEN SOURCE OF ELEVATION ALAMCO WELL A-145 0567 ELEV. 967

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) Neil Quinn R.P.E. L.L.S. 712



STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

DATE 29 MAY 1984  
 OPERATOR'S WELL NO. A-1436  
 API WELL NO. \_\_\_\_\_

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS,") PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION 1200' WATER SHED RIGGINS RUN  
 DISTRICT MCCLELLAN 5 COUNTY DODDRIDGE  
 QUADRANGLE SMITHSBURG, WV. 7 1/2 611 CENTER POINT 13' C5  
 SURFACE OWNER ROBERT WOLFE ACREAGE 127.6  
 OIL & GAS ROYALTY OWNER CECIL HIGHLAND LEASE ACREAGE 432

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 ALEXANDER ESTIMATED DEPTH 5,450'  
 WELL OPERATOR ALAMCO 010 DESIGNATED AGENT DANIEL L. WHEELER  
 ADDRESS P.O. Box 1740 ADDRESS P.O. Box 1740  
CLARKSBURG, WVA 26302 CLARKSBURG, WVA. 26302

COUNTY NAME \_\_\_\_\_

PERMIT \_\_\_\_\_

JUL 30 1984



1) Date: July 2, 19 84  
 2) Operator's Well No. A-1436 (Highland)  
 3) API Well No. 47 - 017 - 3342  
 State County Permit

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

4) WELL TYPE: A Oil / Gas XX / Production B (If "Gas", Production) / Shallow XX  
 Elevation: 1000' / Watershed: Riggins Run (0 Mi. 30K)  
 District: McClellan / County: Doddridge / Quadrangle: Smithburg 7.5'  
 6) WELL OPERATOR: Alamo, Inc. / Address: P. O. Box 1740, Clarksburg, WV 26301  
 8) OIL & GAS INSPECTOR TO BE NOTIFIED: Harold M. Underwood / Address: Route #2, Box 114, Salem, WV 26426  
 10) PROPOSED WELL WORK: Drill XX / Drill deeper / Perforate new formation XX / Stimulate  
 11) GEOLOGICAL TARGET FORMATION: ALEXANDER / Estimated depth of completed well, 5450 feet / Approximate true depths: Fresh, 30 feet / salt, 1455 - 1485 feet / Is coal being mined in the area? Yes  
 14) Approximate coal seam depths:

RECEIVED

JUL - 3 1984  
 OIL & GAS DIVISION  
 DEPT. OF MINES

CASING OR TUBING TYPE	Size	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
		Grade	Weight per ft.	For drilling	Left in well		
Conductor	16"			20'	20'	Cement to surface	
Fresh water							
Coal	8-5/8"		20#	700'	700'	Cement to surface	
Intermediate			J.55				
Production	4-1/2"		10.50#	5450'	5450'	Req. by Rule 15.01	
Tubing							
Liners							

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-017-3342 Date July 20, 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 July 20, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Blank	Agent	Plat:	Casing	Fee
	LO MH		MH	496

*[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