

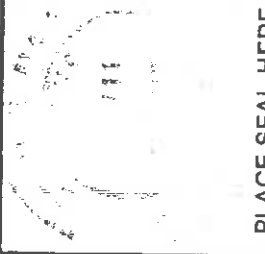
**WELL REFERENCES**

N 12° 20' W - 124' TO A 6" LOCUST.  
 N 43° 14' W - 244' TO A 4" HICKORY.

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

FILE NO. 541 / 5P  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" : 1000'  
 MINIMUM DEGREE OF ACCURACY 1 : 200  
 PROVEN SOURCE OF ELEVATION ALAMCO A-1149  
 API : 3146 ; EL. : 1110'

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) Cecil R. Mann  
 R.P.E. \_\_\_\_\_ L.L.S. 711



**STATE OF WEST VIRGINIA**  
 DEPARTMENT OF MINES  
**OIL AND GAS DIVISION**



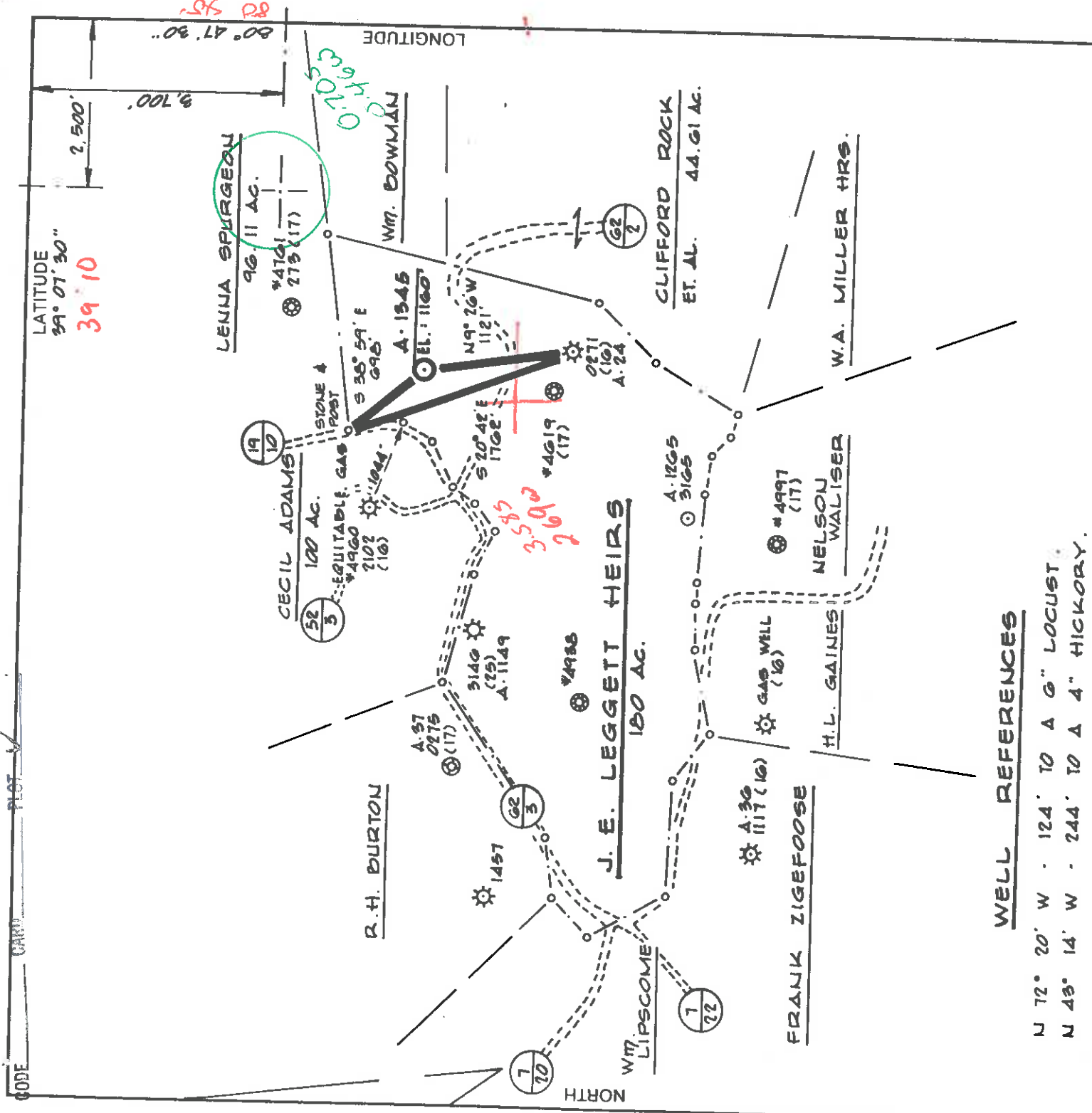
DATE 9-24-1984  
 OPERATOR'S WELL NO. A-1345  
 API WELL NO. 47-017 COUNTY DODDRIDGE PERMIT 3375

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS,") PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION 1160' WATERSHED DEAR FORK COUNTY DODDRIDGE  
 DISTRICT SOUTHWEST  
 QUADRANGLE AUBURN T.5  
 SURFACE OWNER WILLIAM P. DOWMAN ACREAGE 144  
 OIL & GAS ROYALTY OWNER J.E. LEGGETT HEIRS LEASE ACREAGE 180  
 LEASE NO. 164

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 5450'  
 WELL OPERATOR ALAMCO DESIGNATED AGENT DANIEL L. WHEELER  
 ADDRESS P.O. BOX 1740, CLARKSBURG, W.V. ADDRESS P.O. BOX 1740, CLARKSBURG, W.V.  
26302-1740 26302-1740  
 PERMIT 3375  
JAN 12 1987

017 DODD. COUNTY NAME  
 3375 PERMIT



**WELL REFERENCES**

N 72° 20' W - 124' TO A 6" LOCUST.  
 N 43° 14' W - 244' TO A 4" HICKORY.

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

FILE NO. 5H/5P  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1: 200  
 PROVEN SOURCE OF ELEVATION ALAMCO A-1149  
 API : 3146 ; EL. : 1110

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) Cecil R. Mann  
 R.P.E. \_\_\_\_\_ L.L.S. 711

**STATE OF WEST VIRGINIA**  
 DEPARTMENT OF MINES  
**OIL AND GAS DIVISION**



DATE 9-24 1984  
 OPERATOR'S WELL NO. A-1545  
 API WELL NO. \_\_\_\_\_

STATE 47 COUNTY 017 PERMIT 3375

WELL TYPE: OIL  GAS  LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS.") PRODUCTION  STORAGE \_\_\_\_\_ DEEP  SHALLOW   
 LOCATION: ELEVATION 1160 WATERSHED DEAR FORK  
 DISTRICT SOUTHWEST COUNTY DODDRIIDGE  
 QUADRANGLE AUBURN T.S. 2-24 HOLBROOK 15 EC  
 SURFACE OWNER WILLIAM P. BOWMAN ACREAGE 144  
 OIL & GAS ROYALTY OWNER J.E. LEGGETT HEIRS LEASE ACREAGE 180

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 5450'  
 WELL OPERATOR ALAMCO DESIGNATED AGENT DANIEL L. WHEELER  
 ADDRESS P.O. BOX 1740, CLARKSBURG, W.V. ADDRESS P.O. BOX 1740, CLARKSBURG, W.V.  
26302-1740 26302-1740

NOV 19 1984

017 DODD.  
 COUNTY NAME

PERMIT



1) Date: October 4, 19 84  
 2) Operator's Well No. A-1345 (Leggett)  
 3) API Well No. 47 017 3375 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  B (If "Gas", Production  Underground storage  Deep  Shallow   
 Elevation: 1160' Watershed: Bear Fork
- 5) LOCATION: District: Southwest County: Doddridge Quadrangle: Auburn 7.5'  
 WELL OPERATOR: Aramco, Inc. 7) DESIGNATED AGENT: Daniel L. Wheeler  
 Address: P. O. Box 1740 975 Address: P. O. Box 1740
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED: Clarksburg, WV 26301  
 Name: Mike Underwood  
 Address: Route #2; Box 114  
Salem, WV 26424
- 10) PROPOSED WELL WORK: Drill  Redrill  deeper   
 Plug off old formation  Perforate new formation  Stimulate   
 Other physical change in well (specify): OCT 10 1984
- 11) GEOLOGICAL TARGET FORMATION: Alexander  
 12) Estimated depth of completed well, 5,450' feet  
 13) Approximate true depths: Fresh, \_\_\_\_\_ feet; salt, \_\_\_\_\_ feet  
 14) Approximate coal seam depths: \_\_\_\_\_ feet; Is coal being mined in the area? YES
- 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		
Conductor	11-3/4"					20'	Cement to surface if req.
Fresh water	8-5/8"		20#	X		1200'	Cement to surface
Coal	4-1/2"		J.55			5450'	Req. by rule 15.01
Intermediate							
Production							
Tubing							
Liners							

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-017-3375

November 14, 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 November 14, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fec
<u>4</u>	<u>TS</u>	<u>TS</u>	<u>TS</u>	<u>1150</u>

NOTE: Keep one copy of this permit posted at the drilling location.

*[Signature]*  
 Administrator, Office of Oil and Gas

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

File

