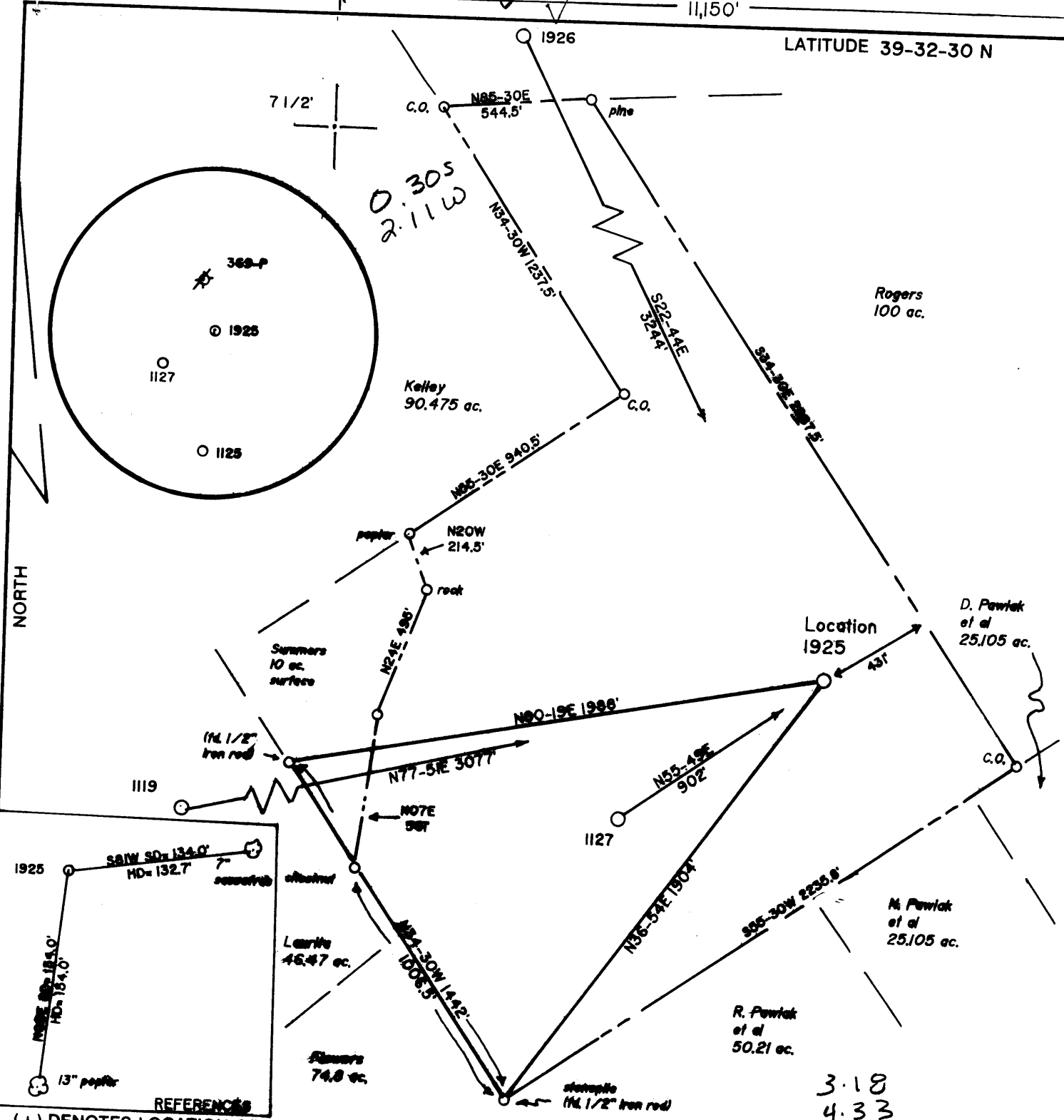


11,150'

LATITUDE 39-32-30 N

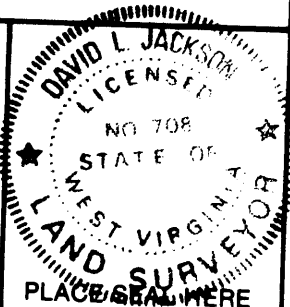
LONGITUDE 79-52-30 W



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

FILE NO. _____
 DRAWING NO. 1
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION Road Junction 3700'
SW of Location: elev. 1873'

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) David L. Jackson
 R.P.E. _____ L.L.S. 708



STATE OF WEST VIRGINIA
 Division of Environmental Protection
 OFFICE OF OIL AND GAS



DATE August 19, 19 94
 OPERATOR'S WELL NO. 1925
 API WELL NO. _____

WELL TYPE: OIL _____ GAS X LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION X STORAGE _____ DEEP X SHALLOW _____
 LOCATION: ELEVATION 1751 WATER SHED Cobun Creek

47 - 061 - 1174
 STATE COUNTY PERMIT

DISTRICT Clinton COUNTY Monongalia
 QUADRANGLE Morantown South 7 1/2' SC
 SURFACE OWNER Lawrence Giles
 OIL & GAS ROYALTY OWNER Lawrence Giles et al ACREAGE 100
 LEASE NO. 4620 LEASE ACREAGE 100

PROPOSED WORK: DRILL X CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____ PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION Huntersville ESTIMATED DEPTH 8300
 WELL OPERATOR Alamco, Inc. DESIGNATED AGENT Marty Perri
 ADDRESS P.O. Box 1740, Clarksburg, WV 26302-1740 ADDRESS P.O. Box 1740, Clarksburg, WV 26302-1740

COUNTY NAME PERMIT

DEEP WELL

6-6 South Burnschood (313)

FORM WW-6

RECEIVED
WV Division of
Environmental Protection

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas

20-Sep-94
API # 47- 61-01174

NOV 22 1994

Well Operator's Report of Well Work

Farm name: GILES, LAWRENCE W, Operator Well No.: 1925

Permitting
Office of Oil & Gas
LOCATION: Elevation: 1,751.00 Quadrangle: MORGANTOWN SOUTH

District: CLINTON County: MONONGALIA
Latitude: 1640 Feet South of 39 Deg. 32Min. 30 Sec.
Longitude 11150 Feet West of 79 Deg. 52 Min. 30 Sec.

Company: ALAMCO, INC.
200 W. MAIN ST., P.O. BOX 1740
CLARKSBURG, WV 26302-1740

Agent: MARTY L. PERRI

Inspector: RANDAL MICK
Permit Issued: 09/28/94
Well work Commenced: 10/19/94
Well work Completed: 11/14/94
Verbal Plugging
Permission granted on: _____
Rotary Cable _____ Rig
Total Depth (feet) 7739
Fresh water depths (ft) 38'; 140'

Salt water depths (ft) None

Is coal being mined in area (Y/N)? N
Coal Depths (ft): 60 - 63'

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
1-3/4"	350'	350'	To surface 207 cu. ft.
8-5/8"	1939'	1939'	To surface 637 cu. ft.
4-1/2"	-	7713'	338 cu. ft.

OPEN FLOW DATA

Producing formation Huntersville Chert Pay zone depth (ft) 7366'-7498'
Gas: Initial open flow 21 MCF/d Oil: Initial open flow - Bbl/d
Final open flow 6730 MCF/d Final open flow - Bbl/d
Time of open flow between initial and final tests 4 Hours
Static rock Pressure 3150 psig (surface pressure) after 72 Hours

Second producing formation _____ Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure _____ psig (surface pressure) after _____ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: ALAMCO, INC.

By: [Signature]
Date: 11/18/94

DEC 1 1994

Formations: 0-2008' from Drillers Log Book - 2008' to TD from Gamma Ray Log

<u>Top</u>	<u>Bottom</u>	<u>Type</u>	<u>Water, Coal, Gas</u>	
0	60	Sand	<u>Water:</u> Damp @ 38'	
60	63	Coal	1/2" @ 140'	
63	523	SD & SH	<u>Coal:</u> 60-63'	
523	670	Big Lime	<u>Oil:</u> None	
670	720	Big Injun	<u>Gas Checks:</u>	
720	1450	SD & SH	1102'	N/S
1450	1650	SH & RR	1664'	82 MCF/D
1650	1688	4th Sand	1726'	163 MCF/D
1688	1704	SH	2008'	189 MCF/D
1704	1730	5th Sand	2223'	N/S
1730	1800	SH	2848'	N/S
1800	1852	Bayard	3563'	N/S
1852	2439	SD & SH	4066'	N/S
2439	2475	Speechley	6566'	N/S
2475	2588	SH	7188'	N/S
2588	2651	Balltown	7335'	Odor
2651	6958	SH & SD	7461'	21 MCF/D
6958	7059	Tully	7554'	18 MCF/D
7059	7251	SH	7739'	18 MCF/D
7251	7348	Marcellus Shale		
7348	7364	Onondaga		
7364	7515	Huntersville Chert		
7515	7555	Needmore		
7555	7597	Oriskany		
7597	7739	Helderberg		

Treatment and Perforations:

Stimulation:

Huntersville Chert
 7366 - 7498') 27 Holes; WF-30 w/5%
 HCl throughout
 60,000# 20/40; 15,000# 80/100;
 1250 BBLS total fluid

RECEIVED
WV Division of
Environmental Protection

SEP 23 1994

FORM WW-2B

061-1174

Issued 9/28/94

Expires 9/28/96

Page 3 of 18

Permitting
Office of Oil & Gas STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
WELL WORK PERMIT APPLICATION

Well Operator: ALAMCO, INC. 975 (4) 485
Operator's Well Number 1925 3) Elevation: 1751

1 type: (a) OIL / or GAS XX /
(b) If Gas: Production XX / Underground Storage /
Deep XX / Shallow /

Proposed Target Formation(s): HUNTERVILLE ^{#03} CHERT

Proposed Total Depth: 8,300 feet

- 7) Approximate fresh water strata depths: 61'
- 8) Approximate salt water depths: NONE
- 9) Approximate coal seam depths: 106'
- 10) Does land contain coal seams tributary to active mine? Yes / No XX /
- 11) Proposed Well Work: SEE ATTACHED

12) **CASING AND TUBING PROGRAM** *New Well. Deep.*
TYPE SPECIFICATIONS FOOTAGE INTERVALS CEMENT

TYPE	SIZE	GRADE	WEIGHT PER FT	FOR DRILLING	LEFT IN WELL	Fill-Up (Cu. Ft.)
CONDUCTOR	11-3/4"	LS	32#	40'	-0-	NONE
FRESH WATER						
COAL						
SURFACE CSG	11"	J-55	32#	300'	300'	As required by 38 CSR 18-11-3 38 CSR 18-11-2.2
INTERMEDIATE	8-5/8"	J-55	24#	1,826'	1,826'	As required by 38 CSR 18-11-3 38 CSR 18-11-2.2
PRODUCTION	4-1/2"	M-75	11.60#	7,796'	7,796'	As required by 38 CSR 38-11-1

PACKERS: Kind NONE
Sizes
Depths Set

For Division of Oil and Gas Use Only

Fee(s) paid: Well Work Permit Reclamation Fund WPCP

Plat WW-9 WW-2B Bond CC Blank Agent

RECEIVED
WV Division of
Environmental Protection

SEP 23 1994

ATTACHMENT TO:
FORM WW-2B

Permitting
Office of Oil & Gas

Page 4 of 18

WELL OPERATOR ALAMCO, INC.
OPERATOR WELL NO: 1925
FILE NUMBER 47-061- 1174

11. Proposed Well Work:

Well 1925 will be drilled to approximately 300' KB. The 11" will be set @ approximately 300' KB and then cemented to surface. The well will then be drilled to 1,826' KB. The 8-5/8" casing will be set at approximately 1,826' KB and then cemented to surface. The well will then be drilled to 7,796' KB and the 4-1/2" casing set at approximately 7,796' KB. The 4-1/2" casing will be cemented to 7,000' KB. The well will then be hydraulically fractured in the Huntersville Chert Formation.

12. Plan for partial abandonment:

RECEIVED
WV Division of
Environmental Protection
SEP 23 1994

- 1) Date: September 15, 1994
- 2) Operator's well number 1925
- 3) API Well No: 47 - 061 - 1174
State - County - Permit

Permitting Office of Oil & Gas
STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- 4) Surface Owner(s) to be served:
 - (a) Name Lawrence W. Giles
Address Route 9, Box 119-T
Morgantown, WV 26505
 - (b) Name _____
Address _____
 - (c) Name _____
Address _____
- 5) (a) Coal Operator:
 - Name NO DECLARATION OF RECORD
Address _____
 - (b) Coal Owner(s) with Declaration
 - Name Lawrence W. Giles
Address Route 9, Box 119-T
Morgantown, WV 26505
 - Name Roy P. Cayton & Gracella Cayton
Address Route 3, Box 542-B
Morgantown, WV 26505
 - (c) Coal Lessee with Declaration
 - Name NO DECLARATION OF RECORD
Address _____
- 6) Inspector Randall Mick
Address 111 Blackshere Drive
Mannington, WV 26582
Telephone (304)- 986-3324

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

_____ Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR
XX Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through 17 on the above named parties, by:

- _____ Personal Service (Affidavit attached)
- XX Certified Mail (Postmarked postal receipt attached)
- _____ Publication (Notice of Publication attached)

I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator ALAMCO, INC.
By: Marty Penn
Its: Manager, Land
Address 200 West Main Street
Clarksburg, WV 26301-1740
Telephone 304 623-6671

Subscribed and sworn before me this 21st day of September, 1994

Leslie M. Cox Notary Public
My commission expires December 9, 2002



STATE OF WEST VIRGINIA
OIL AND GAS CONSERVATION COMMISSION
 #10 McJUNKIN ROAD
 NITRO, WEST VIRGINIA 25143-2506

September 28, 1994

Division of Environmental Protection
 Office of Oil and Gas
 Nitro, West Virginia

Re: Application for Permit #47-061-01174 to drill deep well.

COMPANY: ALAMCO, Inc.

FARM: Lawrence Giles et al #1925

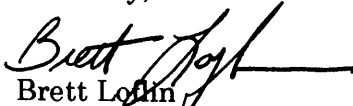
COUNTY: Monongalia DISTRICT: Clinton QUAD: Morgantown South

The application of the above company is Approved for Huntersville.
 (Approved or Disapproved)

Applicant has complied with the provisions of Chapter twenty-two, eight (22-8), of the Code of West Virginia, nineteen hundred and thirty-one (1931), as amended, Oil and Gas Conservation Commission as follows:

- 1.) Provided a certified copy of duly acknowledged and recorded consent and easement form from all surface owner; **yes**
- 2.) Provided a tabulation of all deep wells within one mile of the proposed location, including the Api number of the deep well, well name, and the name and address of operator and; ***yes**
- 3.) Provided a plat showing that the proposed location is a distance of **431** feet from the nearest unit boundary and showing the following wells drilled to or capable of producing from the objective formation within 3,000 feet of the proposed location.

Sincerely,


 Brett Loflin
 Engineer II

3,077 feet to 47-061-01119	3,002 feet to 47-061-00364
4,350 feet to 47-061-00372	3,550 feet to 47-061-01111