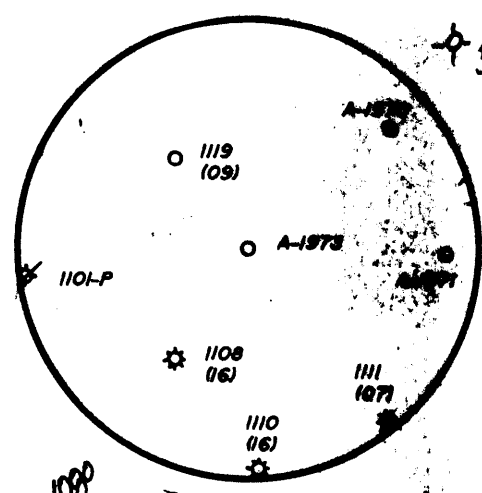
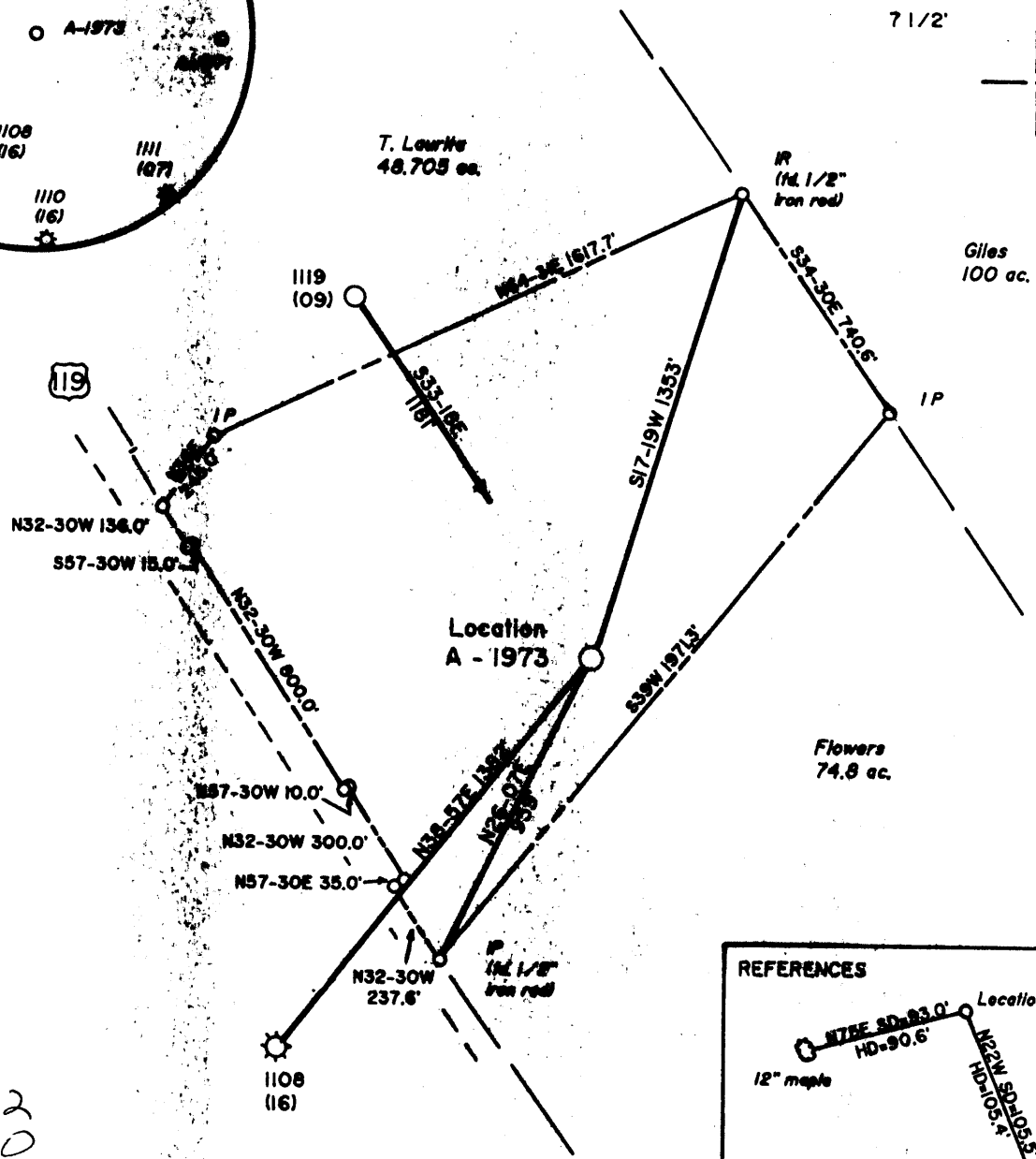


44A *Janie*
10/15/93

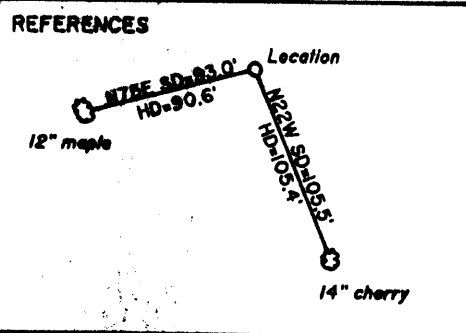


NORTH

LONGITUDE 79-55-00 W



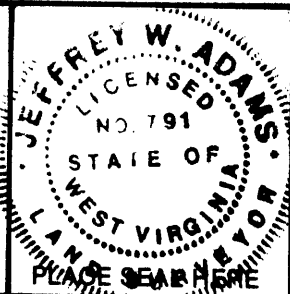
3.52
0.30



(+) 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 Hill top 1400'
NW of Location: elev. 1930'

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) Jeffrey W. Adams
 R.P.E. _____ L.L.S. 791



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

DATE August 26, 19 93
 OPERATOR'S WELL NO. A-1973
 API WELL NO. 47-061-0122

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X

LOCATION: ELEVATION 1705 WATERSHED Coburn Creek
 DISTRICT Clinton COUNTY Monongalia
 QUADRANGLE Morgantown South 7 1/2' SW

SURFACE OWNER James L. Laurita Jr. ACREAGE 48.705
 OIL & GAS ROYALTY OWNER James L. Laurita Jr. LEASE ACREAGE 48.705
 LEASE NO. 3130

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 Balltown / Spacchley ESTIMATED DEPTH 3000'
 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

OCT 27 1993

66 313

FORM WW-6

COUNTY NAME
PERMIT

RECEIVED

WV Division of Environmental Protection

20-Oct-93
API # 47- 61-01122

NOV 25 1995

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

Permitting
Office of Oil & Gas

Well Operator's Report of Well Work

Farm name: LAURITA, JAMES L. JR. Operator Well No.: LAURITA A-1973

LOCATION: Elevation: 1,705.00 Quadrangle: MORGANTOWN SOUTH

District: CLINTON County: MONONGALIA
Latitude: 3400 Feet South of 39 Deg. 32Min. 30 Sec.
Longitude 1600 Feet West of 79 Deg. 55 Min. 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: 10/20/93

Well work Commenced: 09/27/94

Well work Completed: 05/17/95

Verbal Plugging

Permission granted on:

Rotary X Cable Rig

Total Depth (feet) 1,926

Fresh water depths (ft) 50

Salt water depths (ft) None

Is coal being mined in area (Y/N)? N

Coal Depths (ft): None

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
8-5/8	665'	665'	250 Ft. 3
4-1/2		1922'	TOC - 1070' 225 Ft. 3

OPEN FLOW DATA

Producing formation Fourth Sand Pay zone depth (ft) 1725' - 1737'
 Gas: Initial open flow 377 MCF/d Oil: Initial open flow 0 Bbl/d
 Final open flow 60 MCF/d Final open flow 0 Bbl/d
 Time of open flow between initial and final tests 4 Hours
 Static rock Pressure 370 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: 5/27/95

Formations: 0-658' from Drillers Log Book - 658' to TD from Gamma Ray Log

<u>Top</u>	<u>Bottom</u>	<u>Type</u>	<u>Water, Coal, Gas</u>	
0	98	SH & SD	<u>Water:</u> 1-1/2" @ 50'	
98	299	SH & RR		
299	605	SD	<u>Coal:</u> None	
605	658	Big Lime		
658	840	Big Lime/Injun	<u>Oil:</u> None	
840	934	SH		
934	1032	Weir	<u>Gas Checks:</u>	
1032	1154	SH		
1154	1217	Gantz/50'	850'	N/S
1217	1731	SH & SD	1048'	N/S
1731	1765	Fourth	1236'	N/S
1765	1785	SH	1362'	N/S
1785	1810	Fifth	1485'	N/S
1810	TD	SD & SH	1610'	N/S
	1922	Driller TD	1725'	N/S
	1926	Log TD	1767'	377 MCF/D
			TD	365 MCF/D

Treatment and Perforations:

Stimulation:

4th Sand
 Perforations: (1723-1737')
 42 Holes;
 11/13/94 - Ball Out w/1,000 Gal.
 15% HCl

05/17/95 - WF-20
 40,000# - 20/40 Sand
 710 BBLs Fluid

STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
 WELL WORK PERMIT APPLICATION

18081

Permitting
 Office of Oil & Gas

Well Operator: ALAMCO, INC. 010 (975) (4) 485

Operator's Well Number A-1973 (Laurita) 3) Elevation: 1,705'

Well type: (a) OIL ___/ or GAS XX/
 (b) If Gas: Production XX/ Underground Storage ___/
 Deep ___/ 433 Shallow XX/

Proposed Target Formation(s): Balltown/Speechley

- 6) Proposed Total Depth: 3,000 feet
- 7) Approximate fresh water strata depths: 1" Stream @ 57'
- 8) Approximate salt water depths: NONE
- 9) Approximate coal seam depths: 255'-256'
- 10) Does land contain coal seams tributary to active mine? Yes ___/ No XX
- 11) Proposed Well Work: SEE ATTACHED *Mill & Stimulate Mill*
- 12) CASING AND TUBING PROGRAM

TYPE SPECIFICATIONS FOOTAGE INTERVALS CEMENT

	SIZE	GRADE	WEIGHT PER FT.	FOR DRILLING	LEFT IN WELL	FILL-UP (Cu. Ft.)
Conductor	11-3/4"	LS	32#	40'	40'	NONE
Fresh Water						
Coal						
Intermediate	8-5/8"	J-55	24#	707'	707'	As req. by 38 CSR 18-11-
Production	4-1/2"	M-75	11.60	2,800'	2,800'	As req. by 38 CSR 38-11-
Tubing						
Liners						

PACKERS: Kind NONE
 Sizes --
 Depths Set --

*078126
 12
 4/21/81*

For Division of Oil and Gas Use Only

Fee(s) paid Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-2B Bond Blanket TYPE Agent

1) Date: September 1, 1993
2) Operator's well number
A-1973 (Laurita)
3) API Well No: 47 - 061 - 1122
State - County - Permit

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

<p>4) Surface Owner(s) to be served:</p> <p>(a) Name <u>James L. Laurita, Jr.</u> Address <u>Route 9, Box 86-C</u> <u>Morgantown, WV 26505</u></p> <p>(b) Name _____ Address _____</p> <p>(c) Name _____ Address _____</p>	<p>5) (a) Coal Operator: Name <u>NONE OF DECLARATION</u> Address _____</p> <p>(b) Coal Owner(s) with Declaration Name <u>James L. Laurita, Jr.</u> Address <u>Route 9, Box 86-C</u> <u>Morgantown, WV 26505</u></p> <p>Name <u>Reliane Minerals Inc.</u> Address <u>P. O. Box 482</u> <u>Morgantown, WV 26505</u></p> <p>(c) Coal Lessee with Declaration Name _____ Address _____</p>
<p>6) Inspector <u>Randal Mick</u> Address <u>111 Blackshere Drive</u> <u>Mannington, WV 26582</u></p> <p>Telephone (304)-<u>986-3324</u></p>	

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 9 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 J. Penn
Its: Manager, Land
Address P. O. Box 1740
Clarksburg, WV 26302-1740
Telephone 304 623-6671

Subscribed and sworn before me this 29th day of September, 1993

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

WELL OPERATOR ALAMCO, INC.
OPERATOR WELL NO: A-1973 Laurita
FILE NUMBER 47-061- 1122

11. Proposed Well Work:

Well A-1973 will be drilled to approximately 707' KB. The 8-5/8" casing will be set at approximately 707' KB and then cemented to surface. The well will then be drilled to 2,800' KB and the 4-1/2" casing set at approximately 2,800' KB. The 4-1/2" casing will be cemented to 1,100' KB. The well will then be hydraulically fractured in the Balltown/Speechley Formations.

12. Plan for partial abandonment: