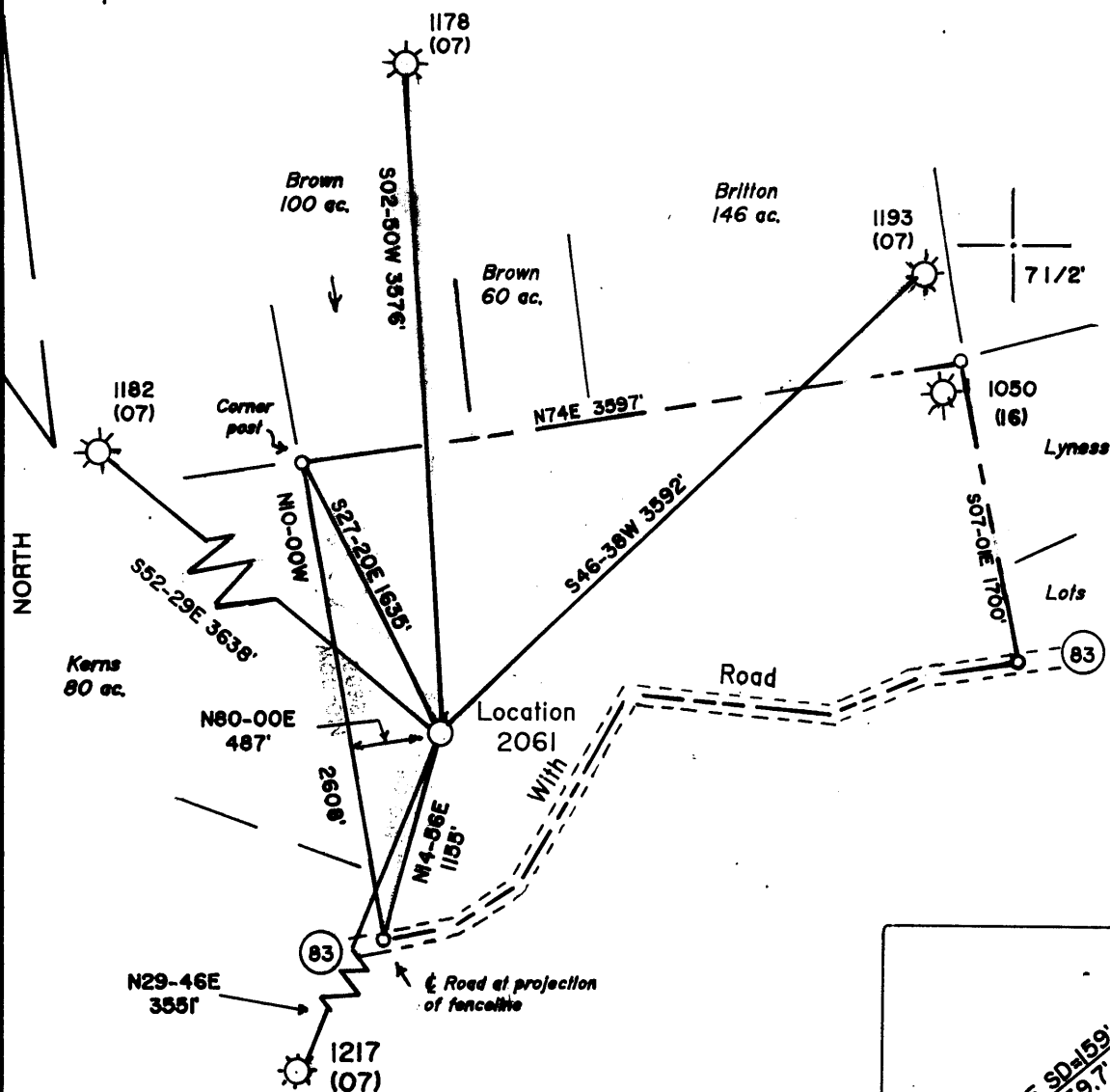


Jamil
9/19/96

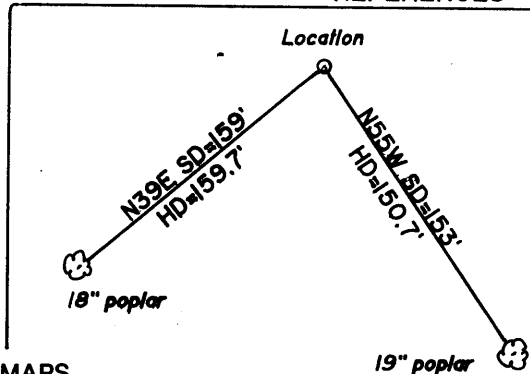
0.973
0.92w



Note: All wells within 2400' Shown
Location is at least 400' from
all Lease boundaries.

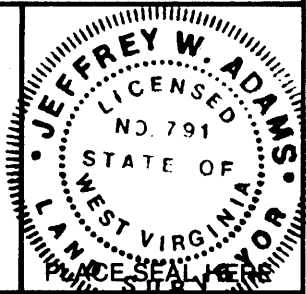
(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

REFERENCES



FILE NO. _____
 DRAWING NO. 1
 SCALE 1" = 1000'
 MINIMUM DEGREE OF
 ACCURACY 1 in 200
 PROVEN SOURCE OF
 ELEVATION Road Int. 1400'
East of Location; elev. 1911'

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 REGU-
 LATIONS ISSUED AND PRESCRIBED BY THE DEPART-
 MENT 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 April 26, 1996
 OPERATOR'S WELL NO. 2061
 API WELL NO. 47-061-01255
 STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP X SHALLOW ___
 LOCATION: ELEVATION 1780 WATERSHED Booths Creek
 DISTRICT Clinton COUNTY Monongalia
 QUADRANGLE Gladesville 7 1/2'
 SURFACE OWNER Nueva LTD. ACREAGE 232.88
 OIL & GAS ROYALTY OWNER Nueva LTD. LEASE ACREAGE 157 out of 301
 LEASE NO. 5095

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 Oriskany ESTIMATED DEPTH 8500'
 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
DEEP WELL

SEP 20 1996

6-6 313

RECEIVED
WV Division of
Environmental Protection

NOV 26 1996

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

Well Operator's Report of Well Work

Permitting
Office of Oil & Gas
Farm name: NOVA, LTD.

Operator Well No.: 2061

LOCATION: Elevation: 1,780.00 Quadrangle: GLADESVILLE

District: CLINTON County: MONONGALIA
Latitude: 5050 Feet South of 39 Deg. 30Min. 0 Sec.
Longitude 4860 Feet West of 79 Deg. 55 Min. 0 Sec.

Company: ALAMCO, INC.
P. O. BOX 1740
CLARKSBURG, WV 26302-1740

Agent: MARTY L. PERRI

Inspector: RANDAL MICK
Permit Issued: 09/19/96
Well work Commenced: 10/01/96
Well work Completed: 11/04/96
Verbal Plugging
Permission granted on: _____
Rotary X Cable _____ Rig
Total Depth (feet) 7896
Fresh water depths (ft) 40 & 92

Salt water depths (ft) 400

Is coal being mined in area (Y/N)? N
Coal Depths (ft): 92 & 254

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
16"	35'	0'	N/A
11-3/4"	336'	336'	Cmt. to Surface 150 Sks.
8-5/8"	2091'	2091'	Cmt. to Surface 480 Sks.
4-1/2"	7902'	7902'	175 Sks.

OPEN FLOW DATA

Producing formation Huntersville Chert Pay zone depth (ft) 7572' - 7694'
Gas: Initial open flow 0 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 1210 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 4 Hours
Static rock Pressure 2650 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.

Richard R. Hoffman
For: ALAMCO, INC.

By: [Signature]
Date: 11/22/96

Formations: 0-558' from Drillers Log Book; 558' to TD from Gamma Ray Log

<u>Top</u>	<u>Bottom</u>	<u>Type</u>	<u>Water, Coal, Gas</u>	
0	5	Fill	<u>Water:</u> ½" @ 40', 1" @ 92', ½" @ 400'	
5	15	SH	<u>Coal:</u> 92', 254'	
15	92	SD & SH	<u>Oil:</u> None	
92	95	Coal	<u>Gas Checks:</u>	
95	204	SD & SH	913'	N/S
204	254	SD	1716'	N/S
254	257	Coal	1778'	N/S
257	558	SD & SH	2426'	N/S
558	572	Little Lime	2582'	N/S
572	592	SH	3637'	N/S
592	674	Big Lime	4134'	Odor
674	720	Keener	4604'	Odor
720	903	Big Injun	5602'	Odor
903	1005	Weir	7058'	N/S
1005	1126	SD & SH	7402'	N/S
1126	1179	Gantz/50'	7554'	N/S
1179	1445	SD & SH	7741'	N/S
1445	1455	Gordon	7896'	N/S
1455	1687	SD & SH		
1687	1728	4th Sand		
1728	1766	SH		
1766	1777	5th Sand		
1777	1808	SD & SH		
1808	1856	Bayard		
1856	2491	SH		
2491	2507	Speechley		
2507	2666	SH		
2666	2672	Balltown		
2672	7180	SH		
7180	7267	Tully		
7267	7463	SH		
7463	7558	Marcellus		
7558	7569	Onondaga		
7569	7719	Hntrsvl Chrt		
7719	7757	Needmore		
7757	7808	Oriskany		
7808	7896	Helderberg		
	7896	Drlg. T. D.		
	7920	Log T. D.		

Treatment and Perforations:

Stimulation: 11/04/96

Perforations: (7572 - 7694')
29 Holes

Frac: Huntersville Chert
WF-30# gel system with
15,000# 80/100 Sand and 60,000# 20/40
Sand w/ 5% HCl throughout

RECEIVED
NY Division of
Environmental Protection

NOV 26 1996

Permitting
Office of Oil & Gas