

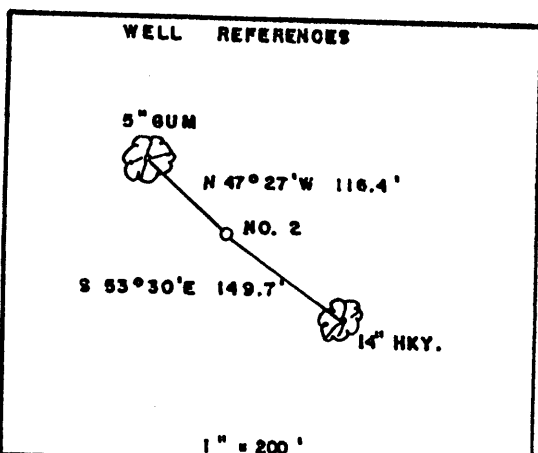
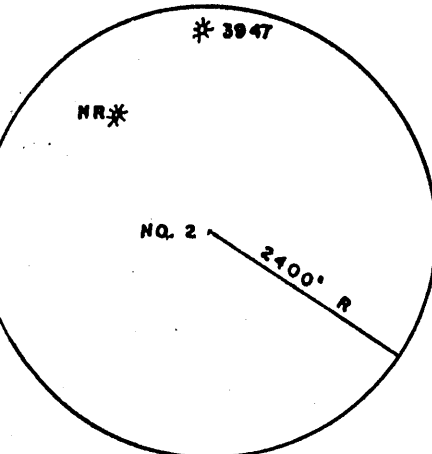
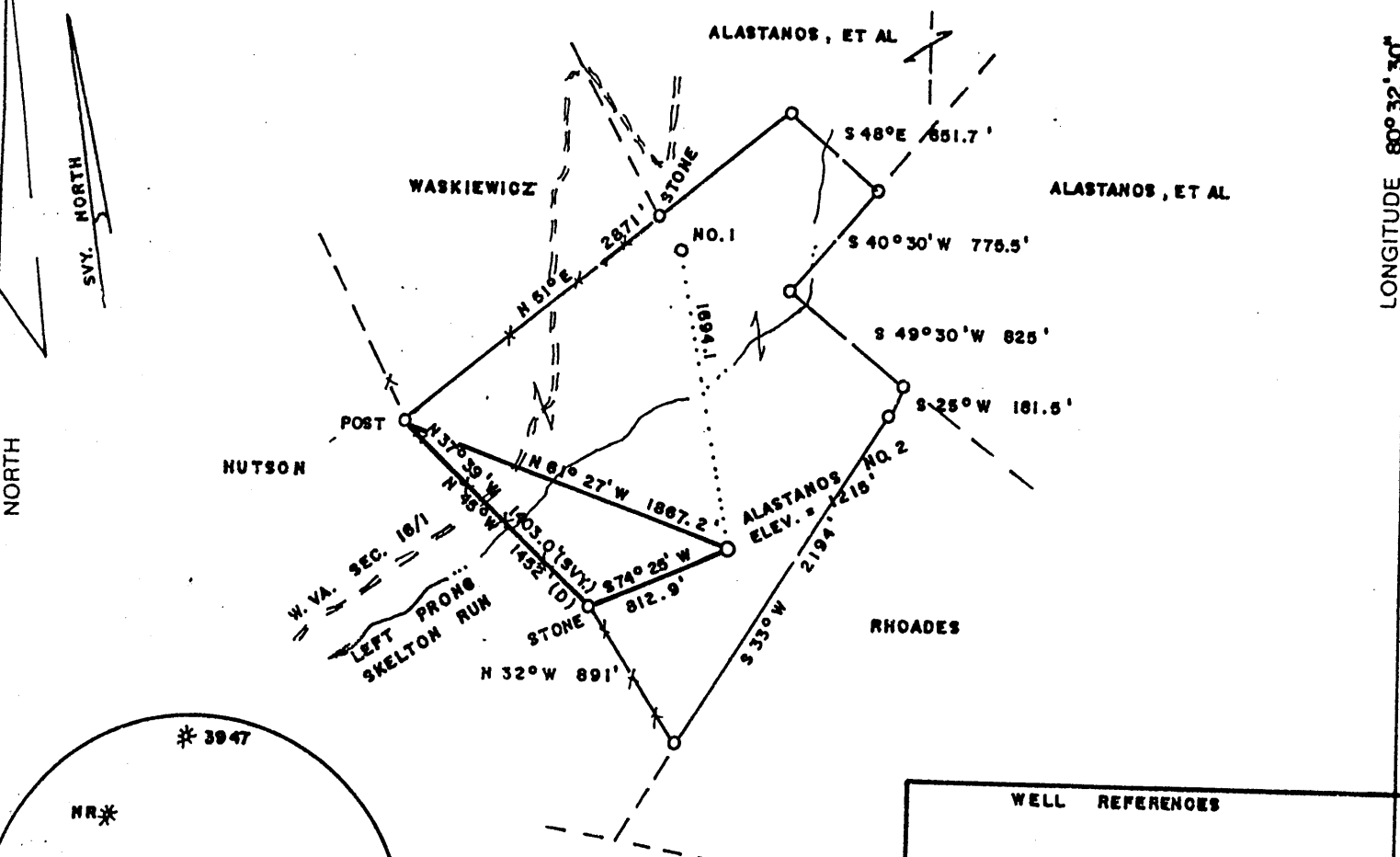
# ALASTANOS LEASE 100 AC.

LATITUDE 39° 22' 30"

1680' W

2000' S

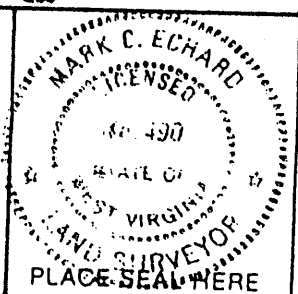
LONGITUDE 80° 32' 30"



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

FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1/200  
 PROVEN SOURCE OF ELEVATION TOP OF KNOB SE OF LOC. ELEV. = 1582'

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) Mark C. Echard  
 R.P.E. \_\_\_\_\_ L.L.S. 490



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



DATE DECEMBER 1, 2003  
 OPERATOR'S WELL NO. ALASTANOS NO. 2  
 API WELL NO. \_\_\_\_\_  
47-017-04773  
 STATE COUNTY PERMIT

WELL TYPE: OIL \_\_\_ GAS Y LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION Y STORAGE \_\_\_ DEEP \_\_\_ SHALLOW \_\_\_  
 LOCATION: ELEVATION 1215' WATERSHED LEFT PRONG OF SKELTON RUN  
 DISTRICT MC CLELLAND COUNTY DODDRIDGE  
 QUADRANGLE SALEM 7.5'

SURFACE OWNER GUS M. ALASTANOS II, ET AL ACREAGE 100  
 OIL & GAS ROYALTY OWNER GUS M. ALASTANOS II, ET AL LEASE ACREAGE 100

PROPOSED WORK: DRILL Y 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 GORDON ESTIMATED DEPTH 3800'  
 WELL OPERATOR LINN OPERATING, L.L.C. DESIGNATED AGENT Jud Shreves  
 ADDRESS P.O. Box 368 ADDRESS P.O. Box 368  
Glenville, W.Va. 26351 Glenville, WV 26351

COUNTY NAME DODDRIDGE  
 PERMIT 4773

DEC 1 2003

*BS JB*

State of West Virginia  
Department of Environmental Protection  
Office of Oil and Gas

Well Operator's Report of Well Work

Farm name: Alastonas

Operator Well No.: Alastonas #2

LOCATION: Elevation: 1,215'

Quadrangle: Salem 7.5'

District: McClelland

County: Doddridge

Latitude: 2,000 Feet South of

39 Deg. 25 Min. 30 Sec.

Longitude 1,680 Feet West of

80 Deg. 32 Min. 30 Sec.

**COMPANY:**  
**Linn Operating, LLC**  
**P.O. Box 368**  
**Glenville, West Virginia 26351**  
**Agent: Jud Shreves**

	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
	11 3/4	173	173	85 sks
<b>Inspector: Mike Underwood</b>	8 5/8	1550	1532	370 sks
<b>Date Permit Issued: 12/10/03</b>				
<b>Date Well Work Commenced: 01/06/04</b>	4 1/2	3288	3200	300 sks
<b>Date Well Work Completed: 01/12/04</b>				
<b>Verbal Plugging:</b>				
<b>Date Permission granted on:</b>				
<b>Rotary X Cable Rig</b>				
<b>Total Depth (feet): 3288'</b>				
<b>Fresh Water Depth (ft.): 80'</b>				
<b>Salt Water Depth (ft.): N/A</b>				
<b>Is coal being mined in area (N/Y)? N</b>				
<b>Coal Depths (ft.): N/A</b>				

OPEN FLOW DATA

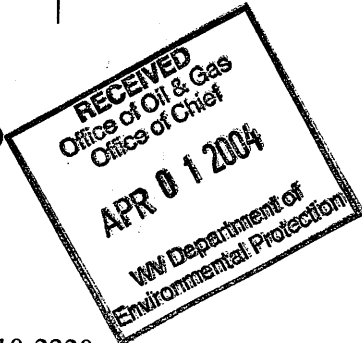
Producing formation Gordon Pay zone depth (ft) 3050-3090  
 Gas: Initial open N/S MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
 Final open flow 140 MCF/d Final open flow \_\_\_\_\_ Bbl/d  
 Time of open flow between initial and final tests \_\_\_\_\_ Hours  
 Static rock Pressure 250# psig (surface pressure) after 48 Hours

Second producing formation Big Injun Pay zone depth (ft) 2310-2320  
 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

\* = commingled zones

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,

Signed: Linn Operating LLC  
 By: Paul R. [Signature]



0000 4773

ADD 2 0 2004

Alastonas #2  
01-27-04  
47-017-04773

Stage #1	perfs	sand	avg rate	isip
Gordon	3062-3065 15 holes	200 sks	28 bpm	2501#

Stage #2				
Big Injun	2324-2334	250 sks	28 bpm	2024#

Drillers Log

Sh	0	5	
Sd/Sh	5	316	
RR	316	330	
Sd/Sh	330	875	
RR	875	935"	
Sd/Sh	935	1221	
RR	1221	1435	
Sd/Sh	1435	1780	
Sd	1780	1885	
Sd/Sh	1885	2226	
Lime	2226	2300	
Sd	2300	2410	
Sd/Sh	2410	2980	oil odor @ 2,775'
Sd	2980	3005	
Sd/Sh	3005	3043	gas ck @ 3,042' = no show
Sd	3043	3125	
Sd/Sh	3125	3288	
Td	3388		gas ck @ td = no show

Electric Log Tops

Big Lime	2250
Berea	2546
Gordon	3020