

Note: Location is at least 400' from all outside lease lines.

There are no wells within 2400' of this Location

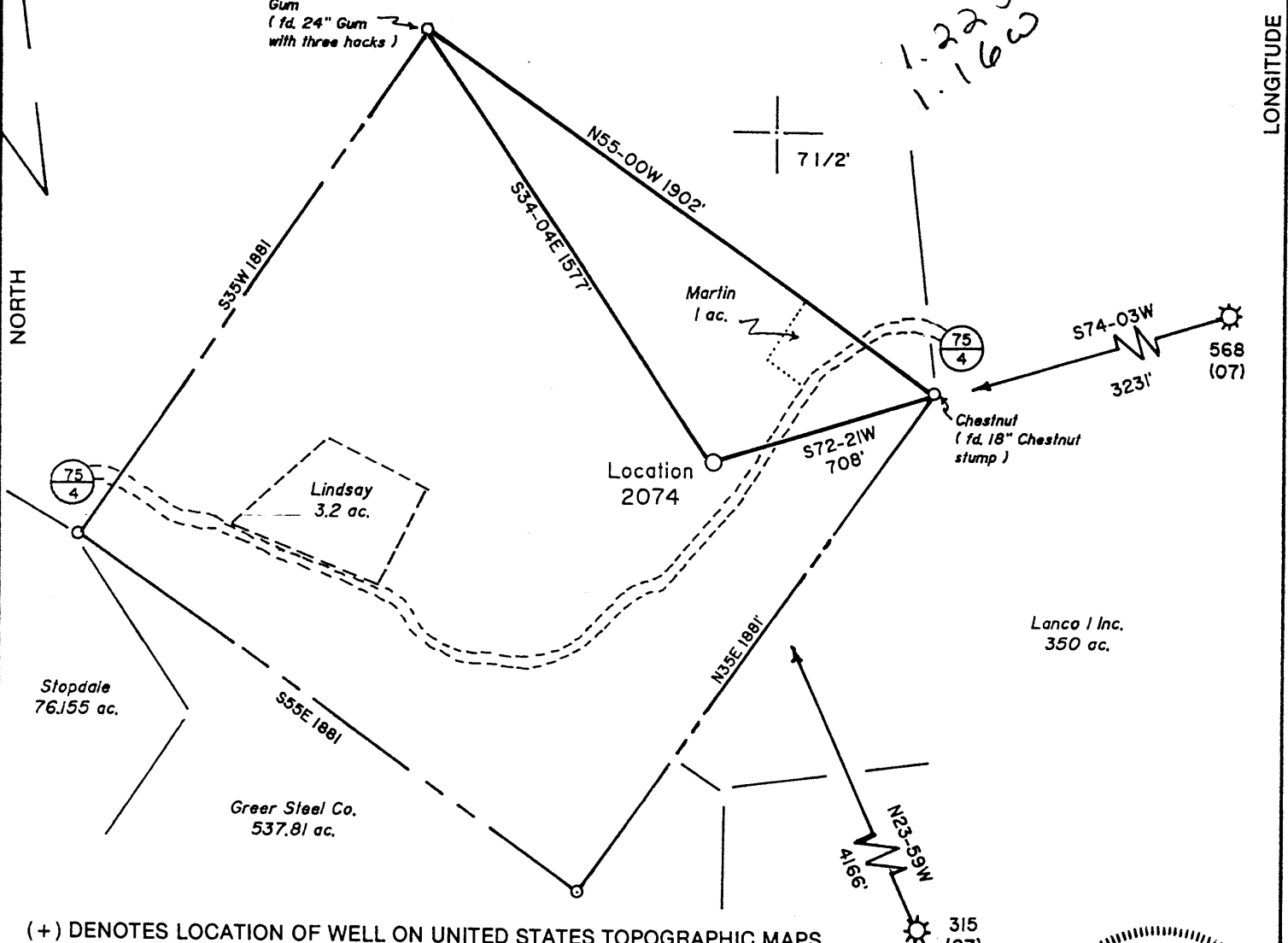
LATITUDE 39-37-30 N

Legend

- Lease lines
- Exception from lease
- ..... Surface tract within lease

APR 25 1998

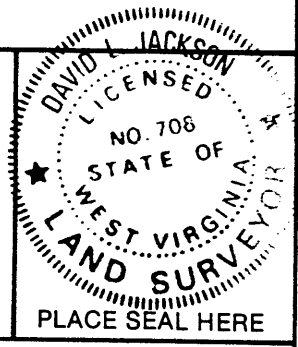
City of Morgantown 200 ac.



(+) 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 3800'  
SE of Location: elev. 2158'

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 July 10, 1997  
 OPERATOR'S WELL NO. 2074  
 API WELL NO. 47-061-01311

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

LOCATION: ELEVATION 1979 WATERSHED Deckers Creek  
 DISTRICT Morgan COUNTY Monongalia  
 QUADRANGLE Masontown 7 1/2'

SURFACE OWNER Richard P. and Nancy J. Treat ACREAGE 76.8  
 OIL & GAS ROYALTY OWNER Richard P. and Nancy J. Treat LEASE ACREAGE 77  
 LEASE NO. 5320

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 Chert / Oriskany ESTIMATED DEPTH 8200 / 8300 APR 21 1998  
 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

6-6 313

FORM WW-6

LONGITUDE 79-50-67

COUNTY NAME

PERMIT

M/D/O 1311

WR-35

17-Apr-98

API # 47- 61-01311

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

Well Operator's Report of Well Work

Farm name: Richard P. Treat Operator Well No.: 2074

LOCATION: Elevation: 1,979.00 Quadrangle: MASONTOWN

District: MORGAN County: MONONGALIA  
Latitude: 6300 Feet South of 39 Deg. 37Min. 30 Sec.  
Longitude 6200 Feet West of 79 Deg. 50 Min. 0 Sec.

Company: ALAMCO, INC.  
RR 1, BOX 107-10  
BUCKHANNON, WV 26201-0000

Agent: MARK HACKETT

Inspector: RANDAL MICK  
Permit Issued: 04/17/98  
Well work Commenced: 06/26/98  
Well work Completed: 07/11/98  
Verbal Plugging  
Permission granted on: \_\_\_\_\_  
Rotary  Cable \_\_\_\_\_ Rig  
Total Depth (feet) 7970  
Fresh water depths (ft) 15

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.
11 3/4	319	319	155 sxs
8 5/8	2938	2938	510 sxs
4 1/2		7968	200 sxs

RECEIVED  
Office of Oil & Gas  
Permitting  
SEP 14 1998  
WV Division of  
Environmental Protection

OPEN FLOW DATA

Producing formation Oriskany Pay zone depth (ft) (7813-26)  
Gas: Initial open flow 0 MCF/d Oil: Initial open flow 0 Bbl/d  
Final open flow 6,970 MCF/d Final open flow 0 Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ Hours  
Static rock Pressure 2750 psig (surface pressure) after 24 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: R. Mark Hackett  
Date: 9/9/98

MONO 1311

SEP 21 1998

Formations : 0-547' Drillers Log Book - 547 to TD Gamma Ray Log

Top	Bottom	Type
0	539	SD & SH
547	1050	GREENBRIER
1050	1817	SD & SH
1817	1915	4TH SAND
1915	2848	SD & SH
2824	2848	BALLTOWN
2848	7084	SH
7084	7214	TULLY
7214	7495	HAMILTON
7495	7608	MARCELLUS
7608	7622	ONONDAGA
7622	7764	HNTRSVL CHRT
7764	7816	NEEDMORE
7816	7928	ORISKANY
7928	7970	HELDERBERG
	7970	(DRILLERS TD)
	7979	(LOGGERS TD)

Water, Coal, Gas

Water:

15' Damp

Coal:

none

Gas:

All checks no show

Perforations: 08/11/98

1st Stage:

(7813-7826') 14 Holes  
 3500 gal 15% HCL/Acetic acid  
 solution. 4000 gal Treated H2O.  
 Total job 438 bbl.