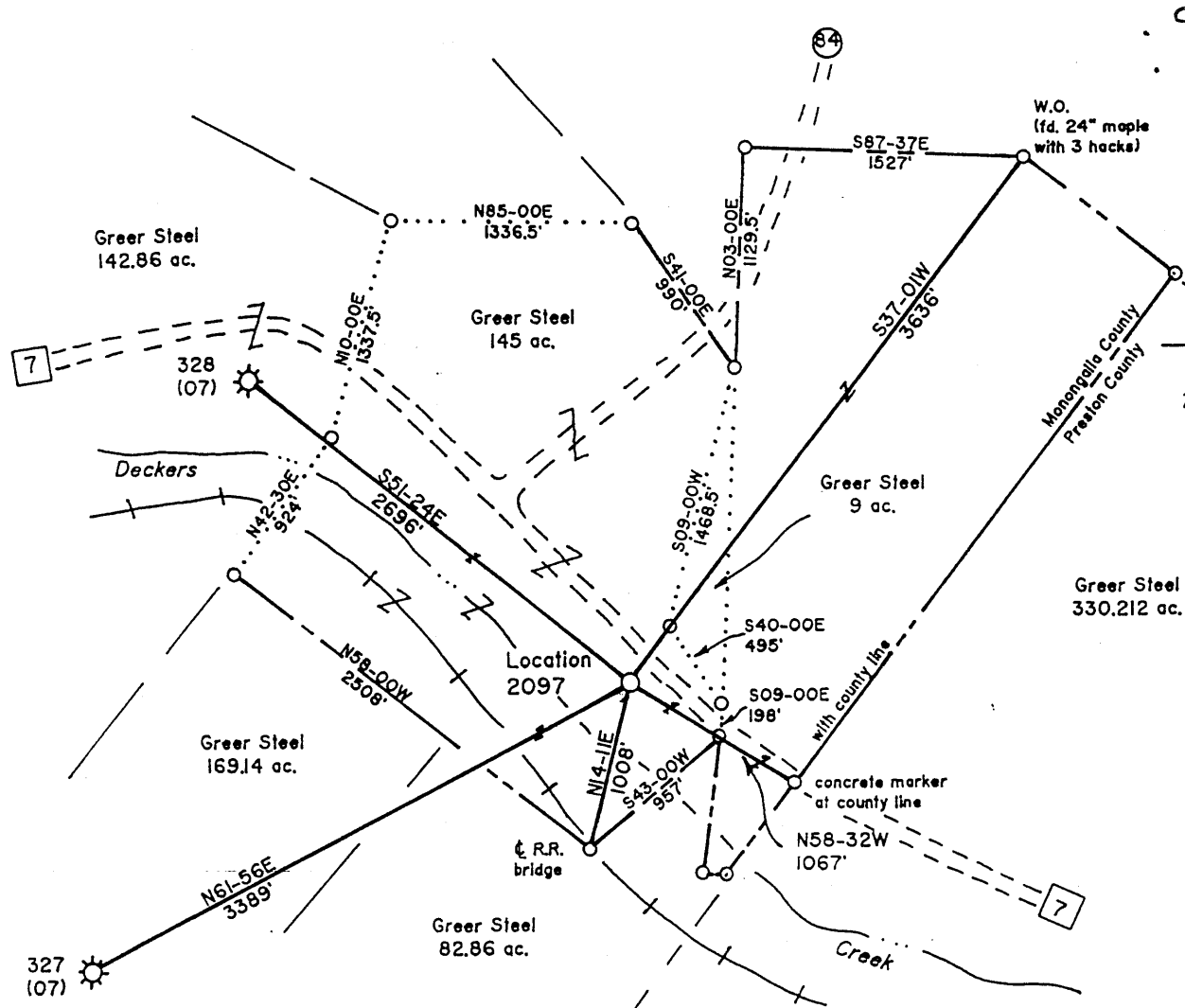


LATITUDE 39-35-00 N

NORTH

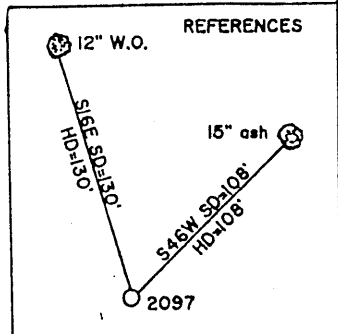
LONGITUDE 79-50-00 W



985
150

NOTE: Location is at least 400' from all outside lease lines.
All wells within 2400' shown on plat.

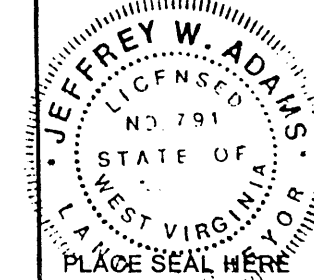
LEGEND:
 --- unit boundary
 interior tract lines



(+) 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 Spot elev. 1200' NW of Location: elev. 1473

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 October 23, 19 97
 OPERATOR'S WELL NO. 2097
 API WELL NO. 47-061-01320
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION 1471 WATER SHED Deckers Creek
 DISTRICT Morgan COUNTY Monongalia
 QUADRANGLE Masontown 7 1/2'

SURFACE OWNER Greer Steel ACREAGE 145
 OIL & GAS ROYALTY OWNER Greer Steel LEASE ACREAGE 125 ac. p/o 593.22 ac.
 LEASE NO. 4204

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 ___ C/FAN OUT AND REPLUG ___
 TARGET FORMATION Tuscarora ESTIMATED DEPTH 12500'
 WELL OPERATOR Alamco, Inc. DESIGNATED AGENT R. Mark Hackett
 ADDRESS P.O. Box 1740, Clarksburg, WV 26302-1740 ADDRESS P.O. Box 1740, Clarksburg, WV 26302-1740
DEEP WELL 3-6 313

OCT 26 1998

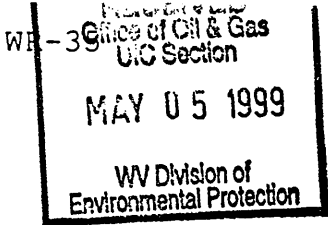
FORM WW-8

COUNTY NAME

MONO

PERMIT

1330



21-Oct-98
API # 47-61-01320

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

Reviewed MS

Well Operator's Report of Well Work

Farm name: Greer Steel Operator Well No.: 912097

LOCATION: Elevation: 1471.00 Quadrangle: Masontown

District: Morgan County: Monongalia
Latitude: 5150 Feet South of 39 Deg. 35 Min. 0 Sec.
Longitude: 800 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: 10/21/98
Well work Commenced: 11/30/98
Well work Completed: 04/19/99
Verbal Plugging
Permission granted on:
Rotary x Cable _____ Rig
Total Depth (feet) 10,713
Fresh Water depths (ft) 40,182,420

Casing & Tubing Size	Used in Drilling	Left In Well	Cement Fill Up Cu. Ft.
16"	322'	322'	CTS 250 SXS
11-3/4"	2985'	2985'	CTS 830 SXS
7 5/8"	9366'	9366'	550 SXS

Salt water depths (ft) 3100,7440

Is coal being mined in area (Y/N)? N
Coal Depths (ft): 102

OPEN FLOW DATA

Producing formation Chert Pay zone depth (ft) 7204'-7310'
Gas: Initial open flow 327 MCF/d Oil: Initial open flow NA Bbl/d
Final open flow 2090 MCF/d Final open flow NA Bbl/d
Time of open flow between initial and final tests 4 Hours
Static rock Pressure 2550 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./Columbia Natural Resources

By: R. Mark Hackett
Date: 5/03/99

MAY 20 1999

MONO 1320

