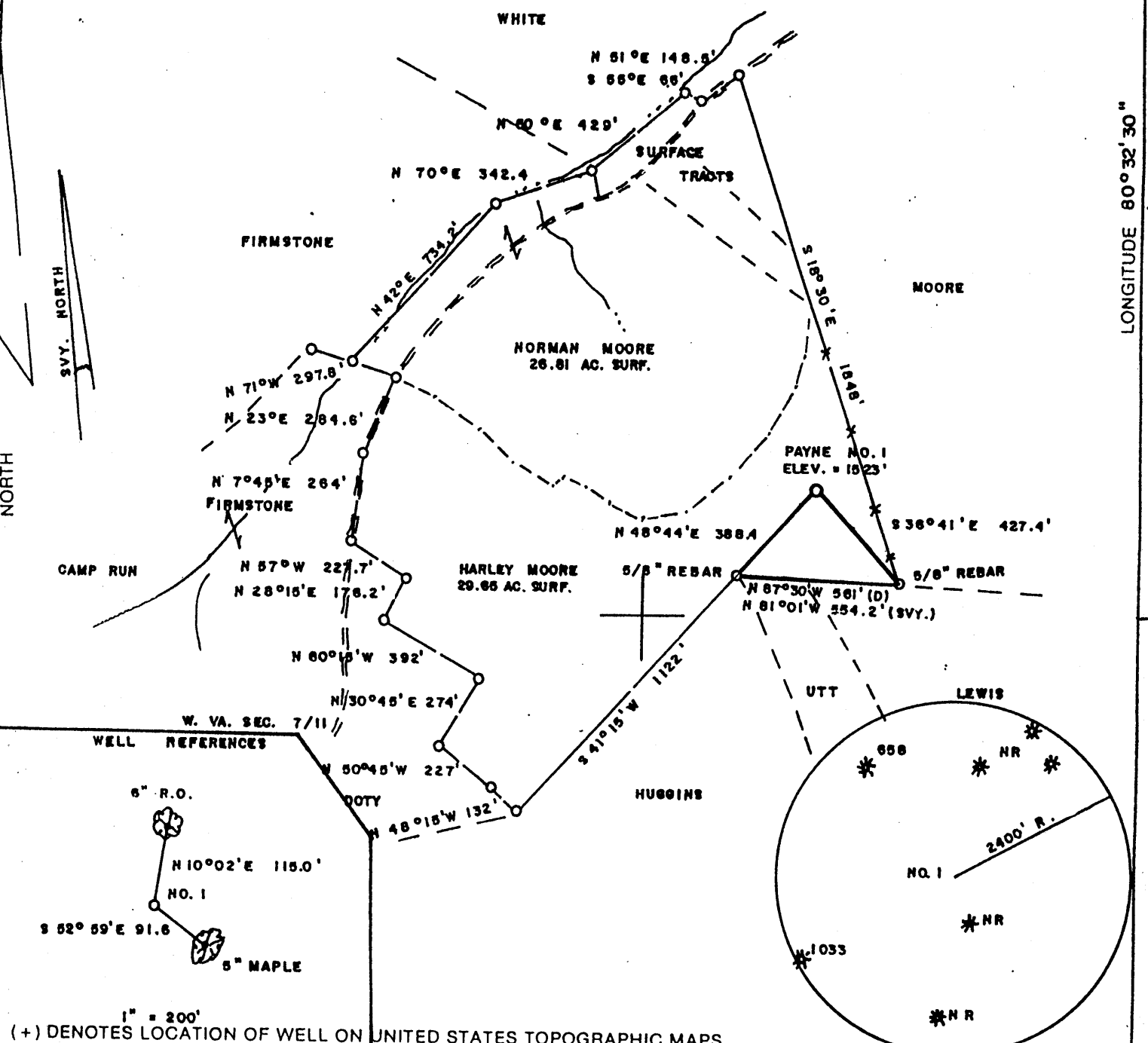


# PAYNE LEASE 61 AC.

6800' W  
LATITUDE 39°40' 00"

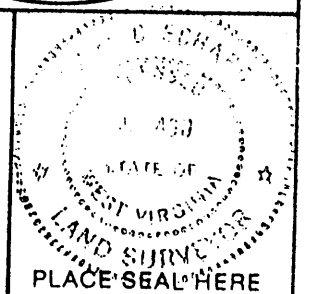
LONGITUDE 80°32' 30"  
10,280' N



1" = 200'  
(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. \_\_\_\_\_  
DRAWING NO. \_\_\_\_\_  
SCALE 1" = 500'  
MINIMUM DEGREE OF ACCURACY 1/200  
PROVEN SOURCE OF ELEVATION JCT. OF ROADS  
WEST OF LOC. ELEV. = 1446'

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 AUGUST 12, 2003  
OPERATOR'S WELL NO. NO. 1  
API WELL NO. 47-103-01972  
STATE 47 COUNTY 103 PERMIT 01972

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

LOCATION: ELEVATION 1521' WATERSHED CAMP RUN  
DISTRICT CENTER COUNTY WETZEL  
QUADRANGLE LITTLETON 7.5'

SURFACE OWNER HARLEY MOORE ACREAGE 29.65  
OIL & GAS ROYALTY OWNER JAMES S. PAYNE HRS., ET AL LEASE ACREAGE 61  
LEASE NO. \_\_\_\_\_

PROPOSED WORK: DRILL  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 SPEECHLEY ESTIMATED DEPTH 3900'  
WELL OPERATOR D.A.C. DESIGNATED AGENT KENNETH MASON  
ADDRESS P.O. BOX 99 ADDRESS P.O. BOX 99  
ALMA, WV 26320 ALMA, WV 26320

COUNTY NAME WETZEL  
PERMIT 1972

SEP 12 2003

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

Well Operator's Report of Well Work

Farm name: Moore

Operator Well No.: Payne #1

LOCATION: Elevation: 1,521'

Quadrangle: Littleton 7.5'

District: Center

County

Wetzel

Latitude: 10,280 Feet South of

39 Deg. 40 Min. 30 Sec.

Longitude 6.000 Feet West of

80 Deg. 32 Min. 00 Sec.

Company:

Drilling Appalachian Corporation	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address:				
P.O. Box 99 Alma WV 26320	9 5/8	230	215	68 sks
Agent: Kenneth Mason				
Inspector: Mike Underwood	6 5/8	3719	1856	100 sks
Date Permit Issued: 09/19/2003				
Date Well Work Commenced: 09/18/03	4 1/2	3719	3516	170 sks
Date Well Work Completed: 09/24/03				
Verbal Plugging:				
Date Permission granted on:				
Rotary X Cable Rig				
Total Depth (feet): 3719				
Fresh Water Depth (ft.): 2,000'				
Salt Water Depth (ft.): N/A				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 1162-1166				

OPEN FLOW DATA

Producing formation Gordon Pay zone depth (ft) 3260-3360  
 Gas: Initial open 280 MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
 Final open flow 800 MCF/d Final open flow \_\_\_\_\_ Bbl/d  
 Time of open flow between initial and final tests \_\_\_\_\_ Hours  
 Static rock Pressure 475# psig (surface pressure) after 48 Hours

Second producing formation Big Injun Pay zone depth (ft) 2550-2580  
 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:

By:

*Kenneth R. Mason*

WET 1972

Payne #1  
09-30-03

Stage #1	perfs	sand	avg rate	isip
Gordon 4 <sup>th</sup>	3264-3358 15 holes	75 sks	24 bpm	3370#
Stage #2 Big Injun	2549-2572 15 holes	200 sks	28 bpm	2369#

Drillers Log

Sh	0	10	
Sd/Sh	10	475	
RR	475	488	
Sd/Sh	488	810	
Sd	810	825	
Sd/Sh	825	1162	½" strm 2,000'
Coal	1162	1166	
Sd/Sh	1166	1530	
RR	1530	1545	
Sd/Sh	1545	2000	
Sd	2000	2450	
Lime	2450	2530	
Sd	2530	2725	gas ck @ 2,264' = 386 mcfs
Sd/Sh	2725	3270	gas ck @ 2,994 = 391 mcfs
Sd	3270	3285	
Sd/Sh	3285	3320	
Sd	3320	3355	
Sd/Sh	3355	3719	
Td	3719		gas ck @ TD = 280 mcfs

Electric Log Tops

Big Lime	2450
Berea	2864
Gordon	3220