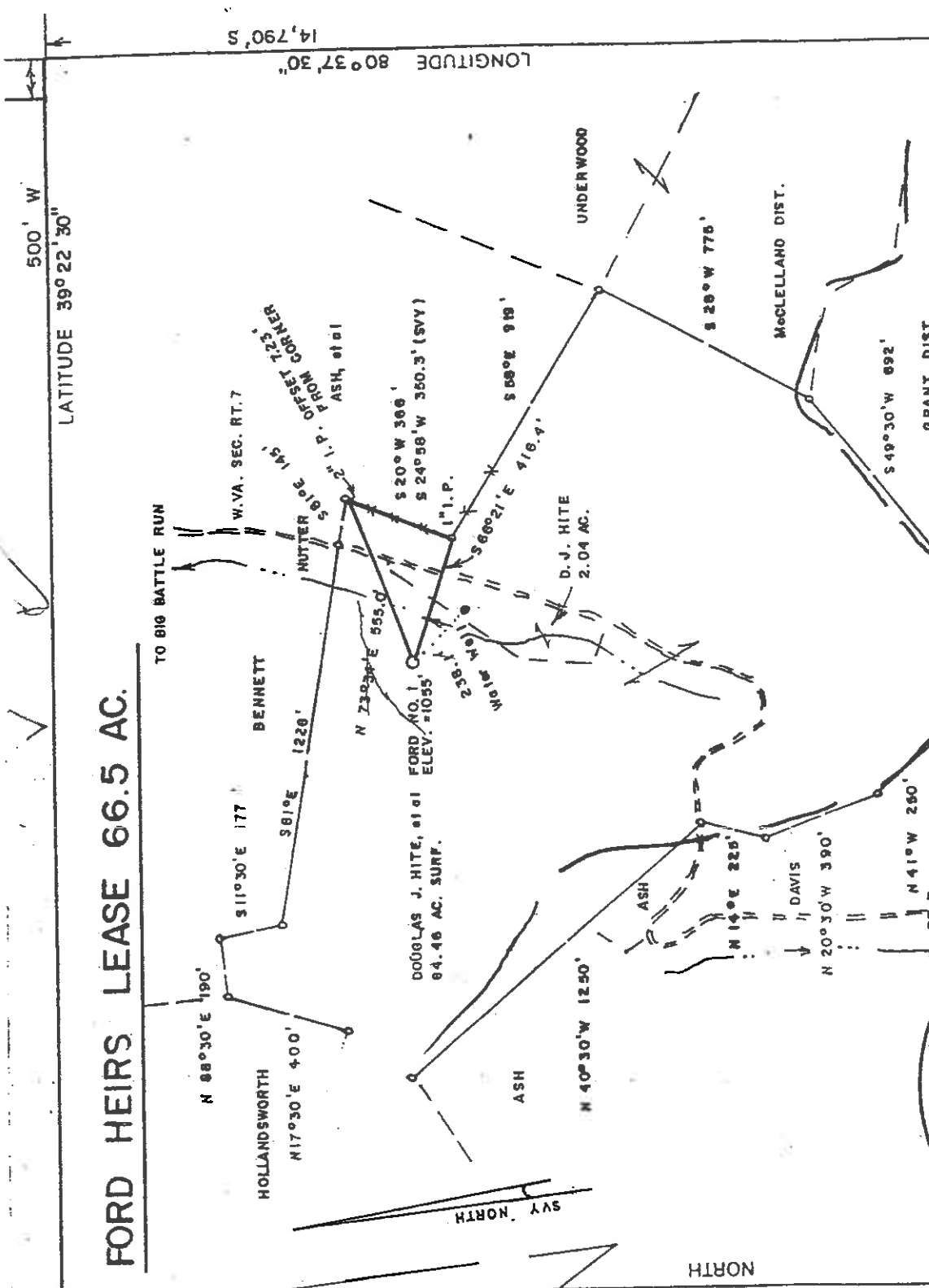
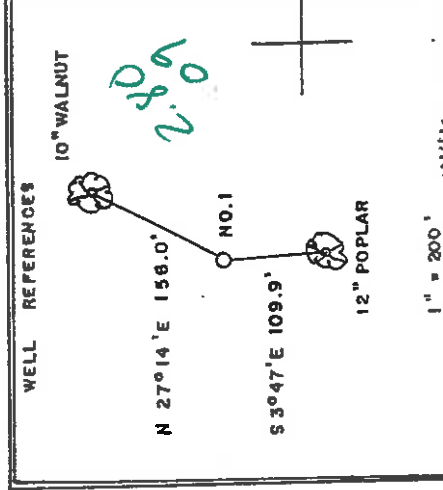
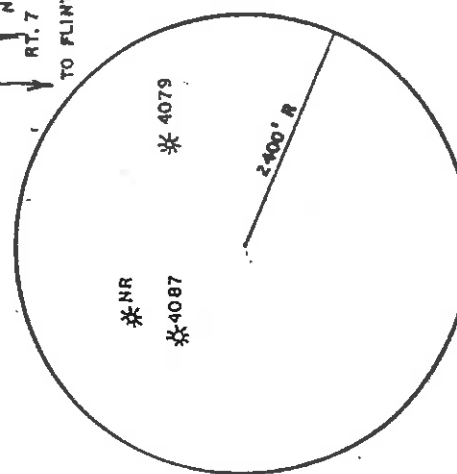


# FORD HEIRS LEASE 66.5 AC.



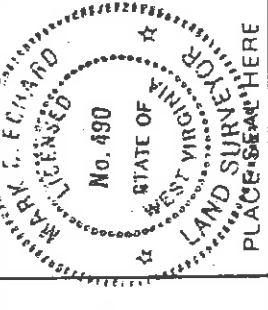
LATITUDE 39°22'30" W  
LONGITUDE 80°37'30" S



(+) 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 TOP OF KNOB SE of LEASE ELEV. = 1386'

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. Eckhard  
R.P.E. \_\_\_\_\_ L.L.S. 490



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



DATE OCTOBER 12, 2001  
OPERATOR'S WELL NO. \_\_\_\_\_ FORD NO. 1  
API WELL NO. 47 017

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
(IF "GAS") PRODUCTION  STORAGE  DEEP  SHALLOW   
LOCATION: ELEVATION 1055' WATER SHED BIG BATTLE RUN  
DISTRICT McCLELLAND COUNTY DODDRIDGE  
QUADRANGLE SMITHBURG 7.5' ACREAGE 64.46  
SURFACE OWNER DOUGLAS J. HITE, et al LEASE ACREAGE 66.5  
OIL & GAS ROYALTY OWNER ORLEY FORD, et al

PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
LEASE NO. \_\_\_\_\_

PLUG AND ABANDON  CLEAN OUT AND REPLUG \_\_\_\_\_  
TARGET FORMATION GORDON / INJUN ESTIMATED DEPTH 3200'  
WELL OPERATOR D.A.C. DESIGNATED AGENT KENNETH MASON  
ADDRESS P.O. BOX 99 ADDRESS ALMA, W. VA. 26320

DODD COUNTY NAME  
4652 PERMIT

NOV 06 2001

6-6 99

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

*Antz*

Well Operator's Report of Well Work

Farm name: Hide Operator Well No. Ford #1

LOCATION: Elevation: 1055 Quadrangle: Smithburg 7.5'

District: McClellan County: Doddridge  
Latitude: 700 Feet South of 39 Deg. 22 Min. 30 Sec.  
Longitude 500 Feet West of 80 Deg. 57 Min. 30 Sec.

Company: D.A.C.

Address: P.O. Box 99 Alma, WV 26320	Casing & Tubing 9 5/8 6 5/8 4 1/2	Used in drilling 221 1329 5035	Left in well 221 1329 5035	Cement fill up Cu. Ft. 68 sks 200 sks 125 sks
Agent: <u>Kenneth Mason</u>				
Inspector: <u>Mike Underwood</u>				
Date Permit Issued: <u>11/07/01</u>				
Date Well Work Commenced: <u>12/22/01</u>				
Date Well Work Completed: <u>01/05/02</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <u>X</u> Cable <u>Rig</u>				
Total Depth (feet): <u>5130'</u>				
Fresh Water Depth (ft.): <u>1166'</u>				
Salt Water Depth (ft.):				
Is coal being mined in area (N/Y)? <u>N</u>				
Coal Depths (ft.): <u>N/A</u>				

OPEN FLOW DATA

Producing formation Benson Pay zone depth (ft) 4968-4972  
Gas: Initial open flow smell MCF/d Oil: Initial open flow Bbl/d  
Final open flow 150 MCF/d Final open flow Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ Hours  
Static rock Pressure 1400 psig (surface pressure) after 48 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 WELL BORE.

Signed: D.A.C. *Kenny Mason*  
By: Kenny Mason

MAR 08 2002

0000 4652

API # 47-017-04652  
Ford #1

Stage #1                      perfs                      sand

Stage #2                      Benson/Riley                      4796-4970                      300 sks                      60 quality foam

Drillers Log

RR	0-5'		
Sd/Sh	5'-40'		
RR	40'-125'		Benson
Sd/Sh	125'-210'		4976
Sd	210'-340'		
Sd/Sh	340'-349'		
RR	349'-415'		
Sd/Sh	415'-510'		
Sd	510'-615'		
Sd/Sh	615'-680'		
Sd	680'-898'		
Sh	898'-1079'		
Sd/Sh	1079'-1083'		
Coal	1083'-1166'		
Sd/Sh	1166'-1175'		
Sd	1175'-1650'		
Sd/Sh	1650'-1685'		
Sd	1685'-1750'		
Sh	1750'-1915'		
B. Lime	1915'-2040'		
Injun	2040'-2140'		gas ck @ 2106 = no show
Sand	2140'-2670'		
Shale	2670'-5130'		gas ck @ td = no show
TD	5130'		

Electric Log Tops

Benson                      4976

wgt @ 1166

gas ck @ 2106 = no show

gas ck @ td = no show