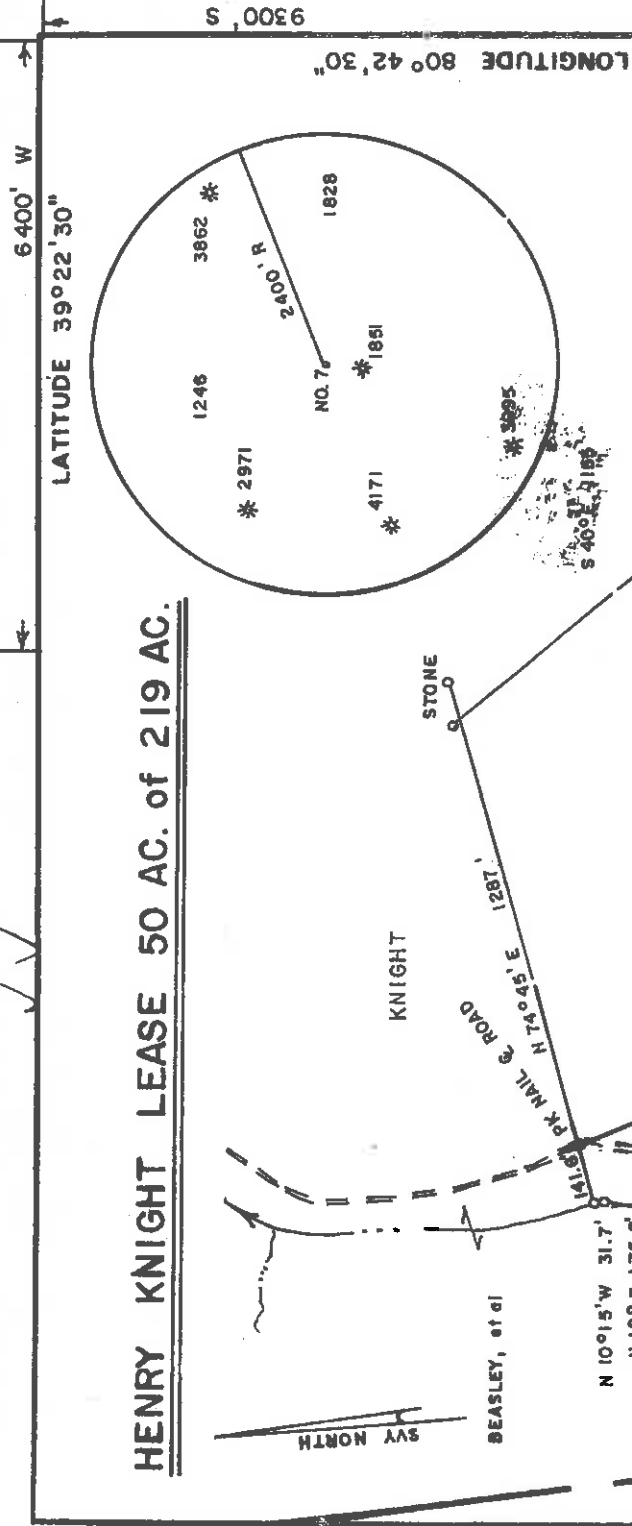


HENRY KNIGHT LEASE 50 AC. of 219 AC.



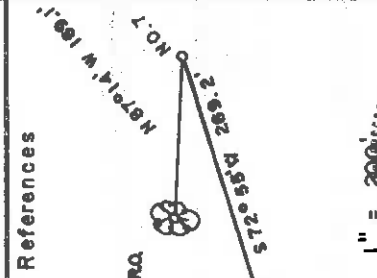
LATITUDE 39°22'30" LONGITUDE 80°42'30"

6 400' W

9300 S

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION B.M. SOUTH OF LEASE ELEV. = 894'

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 MINES.
Mark C. Echard
 MARK C. ECHARD
 (SIGNED) R.P.E. _____ L.L.S. 490



WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS
 #10 MCJUNKIN ROAD
 NITRO, WEST VIRGINIA 25143-2506



DATE MAY 1, 19 98
 OPERATOR'S WELL NO. KNIGHT NO. 7
 API WELL NO. 47 - 017 - 04437
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS.") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1148' WATER SHED LITTLE FLINT RUN
 DISTRICT GRANT COUNTY DODDRIDGE
 QUADRANGLE SMITHBURG 7.5
 SURFACE OWNER DAVID PITTS, et al ACREAGE 50
 OIL & GAS ROYALTY OWNER HENRY KNIGHT HRS. _____ LEASE ACREAGE 219
 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 BENSON ESTIMATED DEPTH 5400'
 WELL OPERATOR D.A.C. DESIGNATED AGENT KENNETH MASON
 ADDRESS P.O. BOX 99 ALMA, WV 26320
 P.O. BOX 99 ALMA, WV 26320

MAY 29 1998
 6-6 99

Dodd 4437

WR-35

API# -47-017-4437

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

Well Operator's Report of Well Work

Farm Name: Pitts, David et al
Location: Elevation: 1148'
District: West Union
Latitude: 9300 Feet South of
Longitude: 6400 Feet West of

Operators Well No.: Knight #7
Quadrangle: Smithburg 7.5'
County: Doddridge
39 Deg. 22 min. 30sec.
80 Deg. 42 min. 30sec.

Company: Drilling Appalachian Corp
P. O. Box 99
Alma, WV 26320

Agent: Kenneth Mason

Inspector: Mike Underwood
Permit Issued: 05/26/98
Well Work Commenced 06/06/98
Well Work Completed: 06/12/98
Rotary X Cable Rig

Total Depth (feet) 5321'
Fresh Water Depths (ft) 256'
Salt Water Depths (ft) 1574'
Is coal being mined in area (Y/N) N
Coal Depths (ft): N/A

casing tubing	used in drilling	left in well	cement fill up sks
11 3/4	160	130	80
8 5/8	1760	1723	470
4 1/2	5321	5308	155



OPEN FLOW DATA

Producing formation Benson Pay zone depth (ft) 4975-4979
Gas: Initial open flow 58 MCF/D Oil: Initial open flow 0 BBL/D
Final open flow 650 MCF/D Final open flow show BBL/D
Static Rock Pressure 1250 psig (surface pressure) after 48 Hours

Second producing formation
Gas: Initial open flow * MCF/D Pay zone depth (ft)
Final open flow * MCF/D Oil: Initial open flow 0 BBL/D
static rock pressure * psig (surface pressure) after * Hours

Dodd 4437

For: Drilling Appalachian Corp.

By: Kenneth Mason

Date: 07-01-98

JUL 20 1998

Stage	Formation	Perfs	Sand	N2
06-22-98	Knight #7			
1	Benson	5236-5242 15	450 sks	467,000 scf

ISIP = 2284#
5 min = 2041#

Drillers Log

Formation	Top	Bottom	Formation	Depth top
fill	0	10	Big Lime	2110
Sh	10	25	Big Injun	2170
Sd/Sh	25	190	Berea	2667
Coal	190	194	Gordon	2867
Sd/Sh	194	820	Benson	5226
Coal	820	830		
Sd/Sh	830	1217		
RR	1217	1231		
Sd/Sh	1231	2061		
Lime	2061	2088		
Sd	2088	2110		
Lime	2110	2142		
Sd	2006	2262	gas ck @ 2193 = no show	
Sh	2262	2910	gas ck @ 2256 = odor	
Sd	2910	3170	gas ck @ 2850 = 10/10 in 1" w/w	
Sd/Sh	3170	5222	gas ck @ 3912 = 6/10 in 1" w/w	
Sd	5222	5228		
Sd/Sh	5228	5312		
TD	5321		gas ck @ TD = 06/10 in 1" w/w	

Electric Log Tops