

Jamie 8/21/89

10540'

25

LATITUDE 39° 22' 30"

NICHOLS

PITTS

BUCK

JASPER SCOTT
78 AC. O & G

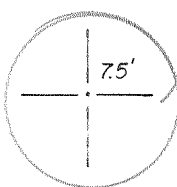
BODE

FREEMAN

BAGLEY, ET. AL.

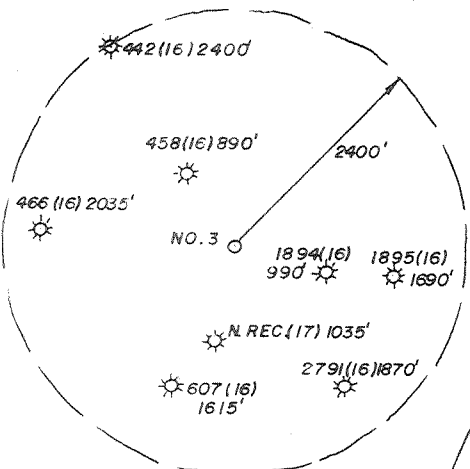
NORTH

LONGITUDE 80° 45' 00"



0.625
2.00W

3.50S
2.00W



N15°20'E, 2621.39

S06°24'W, 2369.71'

N39°W, 627

37" WHITE OAK (FOUND)

S67°58'W, 462.84

N69°W, 237.60'

WELL REFERENCES:

- N4°E, 126' TO 7" RED MAPLE
- S55°30'E, 157.50' TO 7" HICKORY

LAND SURVEYING SERVICES
21 CEDAR LANE
BRIDGEPORT, WV 26330
PHONE: 304-842-2018

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 IN 200
 PROVEN SOURCE OF ELEVATION ROAD INT. 4620' S.W.
OF LOCATION AT ELEV. 887'

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) _____
 R.P.E. _____ L.L.S. NO. 674
STEPHEN D. LOSH

PLACE SEAL HERE

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION



DATE APRIL 24, 19 88
 OPERATOR'S WELL NO. ROBINSON 3
 API WELL NO.

47 - 017 - 3744
STATE COUNTY PERMIT

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

LOCATION: ELEVATION 1216' WATER SHED CAMP MISTAKE RUN

DISTRICT WEST UNION 8 COUNTY DODDRIDGE

QUADRANGLE WEST UNION 7.5' 671 1336 +15' EC

SURFACE OWNER JAMES PETROVICH ACREAGE 70.

OIL & GAS ROYALTY OWNER JASPER SCOTT, HRS. LEASE ACREAGE 78.

LEASE NO. _____

PROPOSED WORK: DRILL X 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 5500'

WELL OPERATOR STONEWALL GAS CO. DESIGNATED AGENT CHARLES CANFIELD

ADDRESS P. O. DRAWER R ADDRESS P. O. DRAWER R

JANE LEW, WV 26378-0080 847

JANE LEW, WV 26378-0080

SEP 1 1989

6-6 Wilbur

(092)

FORM WW-6

COUNTY NAME

PERMIT

FRAC WATER STAGE 1 DATE 01-11-90

BENSON	5162-66	16 HOLES	700 BBLs	70,000 SAND	2800 BD ISIP	1700
FORMATION	COLOR	HARD/SOFT	TOP	BOTTOM	REMARKS	
TOP SOIL	BROWN	SOFT	0	10	90' H ₂ O 1/2"	
SAND & SHALE	BROWN	SOFT	10	20		
SAND	BROWN	SOFT	20	75		
RR SHALE	GRAY	HARD	75	170		
SAND	GRAY	HARD	170	205	GAS CK 2095 NO SHOW	
RR SHALE	GRAY	HARD	205	250		
SAND	BROWN	SOFT	250	275	GAS CK 2185 NO SHOW	
SANDY SHALE	GRAY	SOFT	275	325	GAS CK 2270 NO SHOW	
COAL	BLK	SOFT	325	330	GAS CK 2307 54/10 H ₂ O	
SANDY SHALE	GRAY	HARD	330	445		
SAND	BROWN	HARD	445	452	GAS CK 2830 50/10 1" H ₂ O	
SAND & SHALE	BROWN	HARD	452	620		
SAND	BROWN	SOFT	620	680	GAS CK 2892 50/10 1" H ₂ O	
SANDY SHALE	GRAY	SOFT	680	835		
SAND	BROWN	SOFT	835	900	GAS CK 4214 36/10 1" H ₂ O	
SANDY SHALE	GRAY	SOFT	900	1085		
SAND	GRAY	SOFT	1085	1320	GAS CK 4766 20/10 2" H ₂ O	
SANDY SHALE	GRAY	HARD	1320	1470		
SHALE	GRAY	HARD	1470	1660	GAS CK 5106 6/10 2" H ₂ O	
SAND	BROWN	SOFT	1660	1760		
SANDY SHALE	BROWN	SOFT	1760	2040	GAS CK 5199 6/10 2" H ₂ O	
LIME	BROWN	SOFT	2040	2055		
SANDY SHALE	GRAY	HARD	2055	2075	GAS CK TD 6/10 2" H ₂ O	
BIG LIME	BROWN	HARD	2075	2165		
SAND	BROWN	SOFT	2165	2280		
SANDY SHALE	BROWN	HARD	2280	2490		
SAND	GRAY	HARD	2490	2580		
SANDY SHALE	GRAY	HARD	2580	2830		
SAND	GRAY	SOFT	2830	2885		
SANDY SHALE	BROWN	SOFT	2885	4680		
SAND	BROWN	SOFT	4680	4760		
SANDY SHALE	BROWN	SOFT	4760	5145		
SAND	GRAY	HARD	5145	5200		
SANDY SHALE	GRAY	HARD	5200	5225		
BENSON	GRAY	SOFT	5225			
	TD		5330			

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
WELL WORK PERMIT APPLICATION

- 1) Well Operator: STONEWALL GAS COMPANY ⁵⁴⁷ 47850 (8) 670
- 2) Operator's Well Number: ROBINSON #3 (374-S) 3) Elevation: 1216'
- 4) Well type: (a) Oil ___ / or Gas X /
(b) If Gas: Production X / Underground Storage ___ /
Deep ___ / Shallow X /
- 5) Proposed Target Formation(s): BENSON 435
- 6) Proposed Total Depth: 5350 feet
- 7) Approximate fresh water strata depths: 65'
- 8) Approximate salt water depths: 1270'
- 9) Approximate coal seam depths: 331'-336' ~~N/A~~ ^{possibly} 808'-810', 546'-551'
- 10) Does land contain coal seams tributary to active mine? Yes ___ / No X /
- 11) Proposed Well Work: Drill & Stimulate New Well
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	
Conductor	11 3/4	ERW	42#	100'	100'	38CSR18-11.3
Fresh Water					<u>200'</u> <u>0.1 MW</u>	
Coal						<u>38CSR18-11.2.2</u>
Intermediate	8 5/8	ERW	23#	1500'	1500'	38CSR18-11.3
Production	4 1/2	ERW	10.5#	5300	5300	38CSR18-11.1
Tubing						
Liners						

RECEIVED
AUG 11 1989

PACKERS : Kind _____
Sizes _____
Depths set _____

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

For Division of Oil and Gas Use Only

470
 Fee(s) paid: Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-2B Bond Blanket Sure Agent
 (Type)

