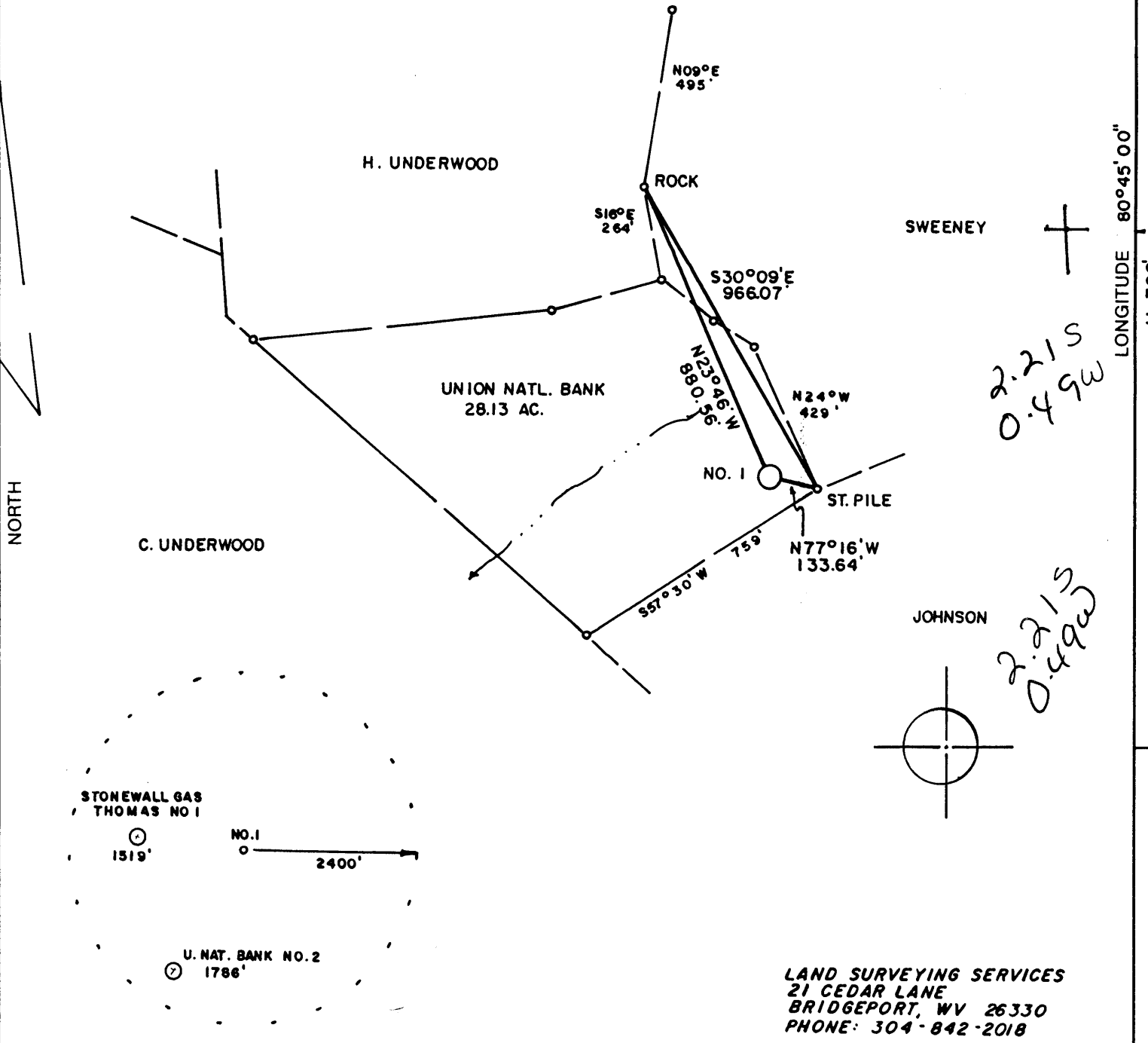


2615'

LATITUDE 39°25'00"

WELL REFERENCES:
N31°45'W, 123' TO 3" W.OAK
N02°E, 123' TO 3" IRONWOOD

Janie 5/31/89



LONGITUDE 80°45'00"
11,760'

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" = 400'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION TOP OF KNOB 2650'S.W. OF LOCATION ELEV. - 1219'

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) *Stephen D. Losh*
 R.P.E. _____ L.L.S. 674
STEPHEN D. LOSH



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 OIL AND GAS DIVISION



DATE MAY 12, 19 89
 OPERATOR'S WELL NO. U. NATL. BANK NO. 1
 API WELL NO. (57)

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE X DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1131' WATERSHED SANDY RUN
 DISTRICT McELROY 5 COUNTY TYLER
 QUADRANGLE SHIRLEY 7.5 min. 607 1336 West Union EC
 SURFACE OWNER RICHARD H. EVANS ACREAGE 28.13
 OIL & GAS ROYALTY OWNER UNION NATIONAL BANK LEASE ACREAGE 28.13
 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 ALEXANDER ESTIMATED DEPTH 5700'
 WELL OPERATOR D. G. HANEY, INC. 0370 DESIGNATED AGENT D. GENE HANEY
 ADDRESS P.O. BOX 3810 ADDRESS P.O. BOX 3810
CHARLESTON, WV 25338 CHARLESTON, WV 25338

6-6 Wilbur (092)

FORM WW-6 H.T. HALL 4-8673

COUNTY NAME PERMIT

JUN 16 1989

RECEIVED
Division of Energy
SEPT 10 90
Permitting
Oil and Gas Section

State of West Virginia
DEPARTMENT OF ENERGY
Division of Oil and Gas

Well Operator's Report of Well Work

Farm name: EVANS, RICHARD H. Operator Well No.: (57) U.N.B. #1

LOCATION: Elevation: 1131.00 Quadrangle: SHIRLEY

District: MCELROY County: TYLER
Latitude: 11760 Feet South of 39 Deg. 25Min. 0 Sec.
Longitude 2615 Feet West of 80 Deg. 45 Min. 0 Sec.

Company: HANEY, D. G., INC.
P. O. BOX 3810
CHARLESTON, WV 25338-0000

Agent: D. G. HANEY

Inspector: GLEN P. ROBINSON
Permit Issued: 06/12/89
Well work Commenced: 06-13-90
Well work Completed: 06-17-90
Verbal Plugging
Permission granted on: _____
Rotary x Cable _____ Rig
Total Depth (feet) 5350
Fresh water depths (ft) _____
41
Salt water depths (ft) _____
1280
Is coal being mined in area (Y/N)? N
Coal Depths (ft): N/A

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
11 3/4	128	128	75 sks
8 5/8	1191	1191	177 sks
4 1/2	5295	5295	710 sks

OPEN FLOW DATA

Producing formation BENSON Pay zone depth (ft) 5156
 Gas: Initial open flow * _____ MCF/d Oil: Initial open flow 0 Bbl/d
 Final open flow 1205 MCF/d Final open flow 0 Bbl/d
 Time of open flow between initial and final tests 1 HR Hours
 Static rock Pressure 1600 psig (surface pressure) after 168 Hours

Second producing formation RILEY/BRADFORD Pay zone depth (ft) 4708
 Gas: Initial open flow * _____ MCF/d Oil: Initial open flow 0 Bbl/d
 Final open flow 1205 MCF/d Final open flow 0 Bbl/d
 Time of open flow between initial and final tests 1 HR Hours
 Static rock Pressure 1600 psig (surface pressure) after 168 Hours

* NATURAL INJUN OPEN FLOW MASKED ANY OPENFLOW FROM RILEY-BENSON

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: HANEY, D. G., INC.

By: David Haney
Date: 7-27-90

SEP 14 1990

60

2 STAGE	FRAC WATER	DATE	06-27-90			
ZONES	PERFS	HOLES	BBL	BP	ISIP	
BENSON	5162-5167	20	800	2100	1640	
RILEY/BRADFORD	4713-4719	18	500	3400	1560	
FORMATION	COLOR	HARD/SOFT	TOP	BOTTOM	REMARKS	

KB-GL	BROWN	SOFT	0	10	GAS CK @ 2174 36/10 2" W/V	
SOIL & SHALE	BROWN	SOFT	10	15		
SHALE & RED ROCK	GRAY	HARD	15	81	GAS CK @ 2238 60/10 2" W/V	
SAND, SHALE & RED ROCK	GRAY	HARD	81	141		
WHITE SAND	TAN	HARD	141	154	GAS CK @ 2270 80/10 2" W/V	
RED ROCK	RED	HARD	154	169		
SAND & SHALE	GRAY	HARD	169	182	GAS CK @ 3093 80/10 2" W/V	
RED ROCK	RED	HARD	182	206		
SAND & SHALE	GRAY	SOFT	206	310	GAS CK @ 3472 80/10 2" W/V	
RED ROCK	RED	SOFT	310	400		
SAND & SHALE	BROWN	SOFT	400	810	GAS CK @ 5180 80/10 2" W/V	
SAND	BROWN	SOFT	810	840		
SAND & SHALE	BROWN	SOFT	840	917	GAS CK @ 5350 60/10 2" W/V	
RED ROCK	RED	HARD	917	942		
SAND & SHALE	GRAY	HARD	942	1250		
SHALE & RED ROCK	GRAY	HARD	1250	1300		
SAND & SHALE	GRAY	SOFT	1300	1600		
SAND	BROWN	SOFT	1600	1866		
SHALE & RED ROCK	GRAY	SOFT	1866	1870		
SAND & SHALE	GRAY	SOFT	1870	2055		
BIG LIME	BROWN	SOFT	2055	2115		
ENJUN SAND	BROWN	SOFT	2115	2275		
SAND & SHALE	GRAY	HARD	2275	2840		
SAND	GRAY	SOFT	2840	2880		
SAND & SHALE	GRAY	SOFT	2880	3600		
SAND & SHALE	GRAY	SOFT	3600	4710		
RILEY	GRAY	SOFT	4710	4750		
SAND & SHALE	GRAY	HARD	4750	5165		
BENSON	GRAY	SOFT	5165	5205		
SAND & SHALE	GRAY	HARD	5205	5350		
TD			5350			

6-27-90

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

10
095-1301
Issued 6/12/89 Expires
Page 3 of 7
6/12/91

- 1) Well Operator: D.G. Haney, Inc. 20900, 5, 606
- 2) Operator's Well Number: (57) U.N.B. No. 1 3) Elevation: 1131
- 4) Well type: (a) Oil / or Gas /
(b) If Gas: Production / Underground Storage /
Deep / 435 Shallow /
- 5) Proposed Target Formation(s): Benson, Riley
- 6) Proposed Total Depth: 5135 feet
- 7) Approximate fresh water strata depths: 300'
- 8) Approximate salt water depths: 1700'
- 9) Approximate coal seam depths: None
- 10) Does land contain coal seams tributary to active mine? Yes / No /
- 11) Proposed Well Work: Drill new well & frac
- 12)

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT	
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
<u>5/22/89</u> Conductor	11 3/4			125	125	To surface
Fresh Water						30CSR18-11.3
Coal						30CSR18-11.2.2
Intermediate	8 5/8			1190	1190	To surface
Production	4 1/2			5085	5085	As needed
Tubing						30CSR18-11.1
Liners						

PACKERS : Kind _____
Sizes _____
Depths set _____

RECEIVED
MAY 25 1989

1500
For Division of Oil and Gas Use Only DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Fee(s) paid: Well Work Permit Reclamation Fund WPCP

Plat WW-9 WW-2B Bond Blanket Sure. Agent

(Type)

RECEIVED
MAY 25 1989

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

Date: 5/17/89
Operator's well number
U.N.B. No. 1 (57)
API Well No: 47 - 095 - 1301
State - County - Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- 4) Surface Owner(s) to be served:
- (a) Name Richard H. Evans
Address Rt. 2, Box 71
Oakland, Maryland 21550
 - (b) Name _____
Address _____
 - (c) Name _____
Address _____
- 5) (a) Coal Operator:
Name N/A
Address _____
- (b) Coal Owner(s) with Declaration
Name _____
Address _____
- Name _____
Address _____
- (c) Coal Lessee with Declaration
Name _____
Address _____
- 6) Inspector Glen Robinson
Address Rt. 1 #6 Mt. Pleasant Estate
Mineralwells, WV 26150
Telephone (304)-489-9162

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

 Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR

XX Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through on the above named parties, by:

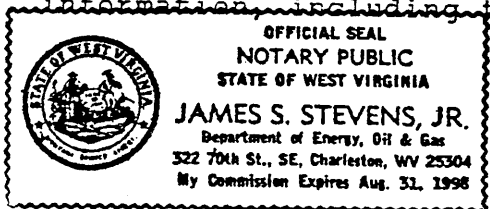
- Personal Service (Affidavit attached)
- X Certified Mail (Postmarked postal receipt attached)
- Publication (Notice of Publication attached)

I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator D.G. Haney, Inc.
By: David Haney
Its: Vice President
Address P.O. Box 3810
Charleston, WV 25338
Telephone 344-1918



Subscribed and sworn before me this 25 day of May, 1989

James S. Stevens
My commission expires Aug 31, 1998 Notary Public