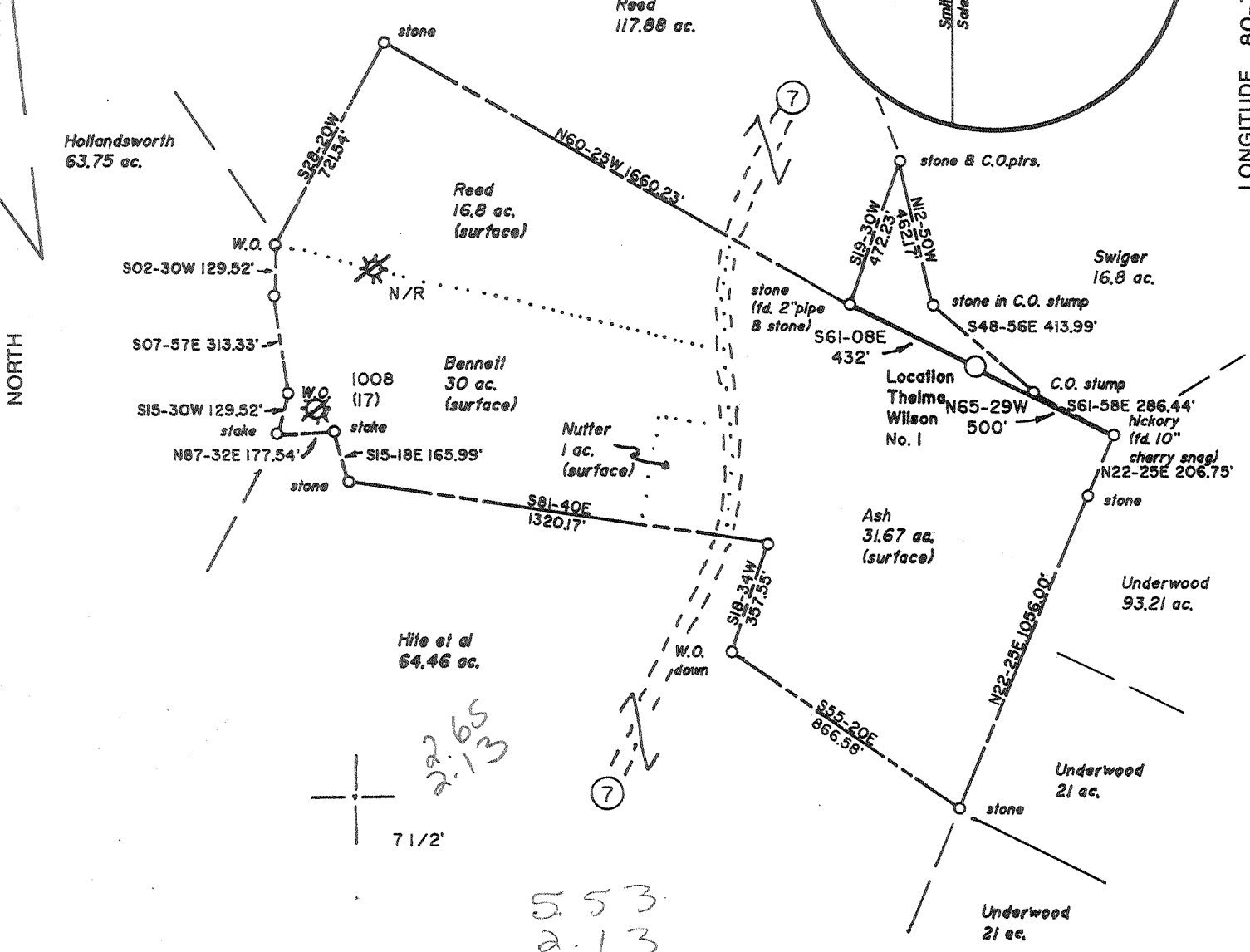
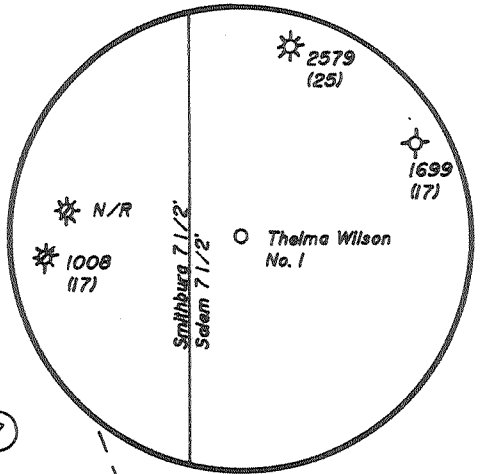


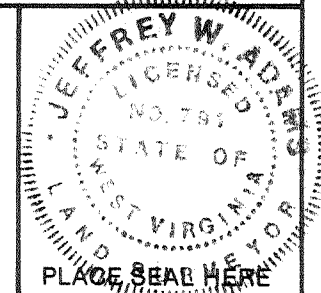
REFERENCES



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

FILE NO. _____
 DRAWING NO. 1
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION Top of Knob 2300'
SW of Location: elev. 1375'

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) Jeffrey A. Adam
 R.P.E. _____ L.L.S. 791



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

DATE November 11, 19 93
 OPERATOR'S WELL NO. Thelma Wilson
 API WELL NO. No. 1

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

LOCATION: ELEVATION 1267 WATER SHED Big Battle Run
 DISTRICT McClellan COUNTY Doddridge
 QUADRANGLE Salem 7 1/2' Centerpoint C.

SURFACE OWNER Victor T. Ash et ux ACREAGE 31.669
 OIL & GAS ROYALTY OWNER Thelma Wilson et al LEASE ACREAGE 79.47
 LEASE NO. 475400

PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___

TARGET FORMATION Benson ESTIMATED DEPTH 5000

WELL OPERATOR Petroleum Development Corp. DESIGNATED AGENT Eric R. Stearns
 ADDRESS P.O. Box 26, Bridgeport, WV 26330 ADDRESS P.O. Box 26, Bridgeport, WV 26330

FORM WW-6

COUNTY NAME PERMIT

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

Well Operator's Report of Well Work

Farm name: ASH, VICTOR/K. BEVERLIN Operator Well No.: T. WILSON #1

LOCATION: Elevation: 1,267.00 Quadrangle: SALEM

District: MCCLELLAN County: DODDRIDGE
Latitude: 13900 Feet South of 39 Deg. 22Min. 30 Sec.
Longitude 11260 Feet West of 80 Deg. 35 Min. Sec.

Company: PETROLEUM DEVELOPMENT COR
P. O. BOX 26
BRIDGEPORT, WV 26330-0026

Agent: ERIC R. STEARNS

Inspector: MIKE UNDERWOOD
Permit Issued: 12/16/93
Well work Commenced: 2/26/94
Well work Completed: 3/5/94
Verbal Plugging
Permission granted on:
Rotary x Cable _____ Rig
Total Depth (feet) 5327'
Fresh water depths (ft) _____
240; 315; 560
Salt water depths (ft) _____
n/a
Is coal being mined in area (Y/N)? N
Coal Depths (ft): 826-830

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
11 3/4"	178'	178'	102 sks
8 5/8"	1845'	1845'	466 sks
4 1/2"	5273'	5273'	540 sks

OPEN FLOW DATA

Producing formation Rensselaer Pay zone depth (ft) 5200-5202
 Gas: Initial open flow 39 MCF/d Oil: Initial open flow 0 Bbl/d
 Final open flow 335 MCF/d Final open flow 0 Bbl/d
 Time of open flow between initial and final tests 4 Hours
 Static rock Pressure 1400 psig (surface pressure) after 72 Hours

Second producing formation Gordon Pay zone depth (ft) 2880-2957
 Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
 Final open flow co-mingled 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 WELLBORE.

For: PETROLEUM DEVELOPMENT CORP.

By: Eric R. Stearns
Date: April 14, 1993

APR 22 1994

HELMA WILSON #1

STAGE	FORMATION	PERFS	80/100 SKS	20/40 SKS	ACID GAL	N2 (MCF)
st	Benson	16 (5200' - 5202')	50	400	500	58
nd	Gordon	12 (2880' - 2957')			500	

W E L L L O G

FORMATION	TOP FEET	BOTTOM FEET	REMARKS: FRESH & SALT WATER, COAL, OIL & GAS
KB - GL	0	10	1/4" water @ 240'
sand, shale, RR	10	1897	1 & 1/4" water @ 315'
Maxton	1897	1979	1 & 1/2" water @ 560'
sand, shale	1979	2122	Coal @826' - 830'
Big Lime	2122	2178	gas chk @ 2064' No Show
sand, shale	2178	2185	
Big Injun	2185	2266	gas chk @ 2250' No Show
sand, shale	2266	2444	
Weir	2444	2500	gas chk @ 2465' No Show
sand, shale	2500	2652	
Berea	2652	2690	gas chk @ 2652' No Show
sand, shale	2690	2926	
Gordon	2690	2963	gas chk @ 2870' No Show
sand, shale	2926	3165	gas chk @3121' 8/10 thru 2"/water
6th	2963	3212	gas chk @3367' 4/10 thru 2"/water
sand, shale	3165	3539	gas chk @3710' 15/10 thru 1"/water
Warren	3212	3632	gas chk @3710' 15/10 thru 1"/water
sand, shale	3539	3645	
Speechley	3632	3938	gas chk @4860' 18/10 thru 1"/water
sand, shale	3645	3973	gas chk @5109' 20/10 thru 1"/water
Balltown	3973	4303	gas chk @5235' 34/10 thru 1"/water
sand, shale	4303	4348	gas chk @TD 34/10 thru 1"/water
Bradford	4348	4562	
sand, shale	4562	4927	
Riley	4927	5123	
sand, shale	5123	5196	
Benson	5196	5232	gas chk @collars 14/10 thru 1"/water
sand, shale		5327	Drillers TD
		5327	Logger TD

EEH. 21

017-4079
Issued 12/16/93
Expires 12/16/95
Page ___ of ___

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

- 1) Well Operator: Petroleum Development Corporation ⁶⁸⁷ 38200 (5) 596
- 2) Operator's Well Number: Thelma Wilson #1 3) Elevation: 1267.
- 4) Well type: (a) Oil ___ / or Gas XX /
(b) If Gas: Production XX / Underground Storage ___ /
Deep ___ / Shallow XX

18433

Proposed Target Formation(s): Benson ⁴³⁵

Proposed Total Depth: 5600 feet

Approximate fresh water strata depths: 625', 915', 1190'

Approximate salt water depths: 1750', 1855' (if present)

Approximate coal seam depths: 390', 560', 835', 940'

10) Does land contain coal seams tributary to active mine? Yes ___ / No X

11) Proposed Well Work: Do not combine all three!
Drill and stimulate new well Coal & fresh water

12) CASING AND TUBING PROGRAM of coal & salt water

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Conductor	11 3/4	H-40	42#	30/175	30/175	-/surface
Fresh Water						3805994.1-2.2
Coal						
Intermediate	8 5/8	H-40	20/23	1225/1870	1225/1870	surface
Production	4 1/2	J-55	10.5	5600	5600	450sks
Tubing						3805994.1
Liners						

PACKERS : Kind _____
Sizes _____
Depths set _____

For Division of Oil and Gas Use Only

006949

Fee(s) paid: Well Work Permit Reclamation Fund WPCP
 Plat WW-9 WW-2B Bond C. D. Blakel Agent
 (Type)

1) Date: Nov. 17, 1993
2) Operator's well number
Thelma Wilson #1
3) API Well No: 47 - 017 - 4079
State - County - Permit

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface Owner(s) to be served:
(a) Name Victor Ash & Kathryn Beverlin
Address Rt. 2, Box 327
Salem, WV 26426
(b) Name _____
Address _____
(c) Name _____
Address _____
6) Inspector Mike Underwood
Address Rt. 2, Box 135
Salem, WV 26426
Telephone (304)- 782-1043

5) (a) Coal Operator:
Name _____
Address _____
(b) Coal Owner(s) with Declaration
Name No Declaration
Address _____
Name _____
Address _____
(c) Coal Lessee with Declaration
Name _____
Address _____

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.

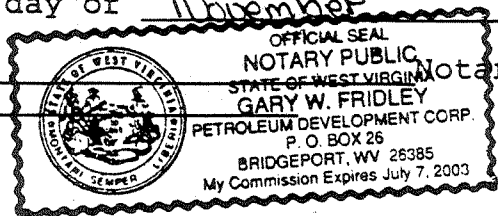
I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true,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

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

Well Operator PETROLEUM DEVELOPMENT CORPORATION
By: [Signature]
Its: _____ Geologist
Address _____ P O Box 26
_____ Bridgeport, WV 26330
Telephone 304-842-6256

Subscribed and sworn before me this 19 day of November, 1993

Gary W. Fridley
My commission expires July 7, 2003



Notary Public