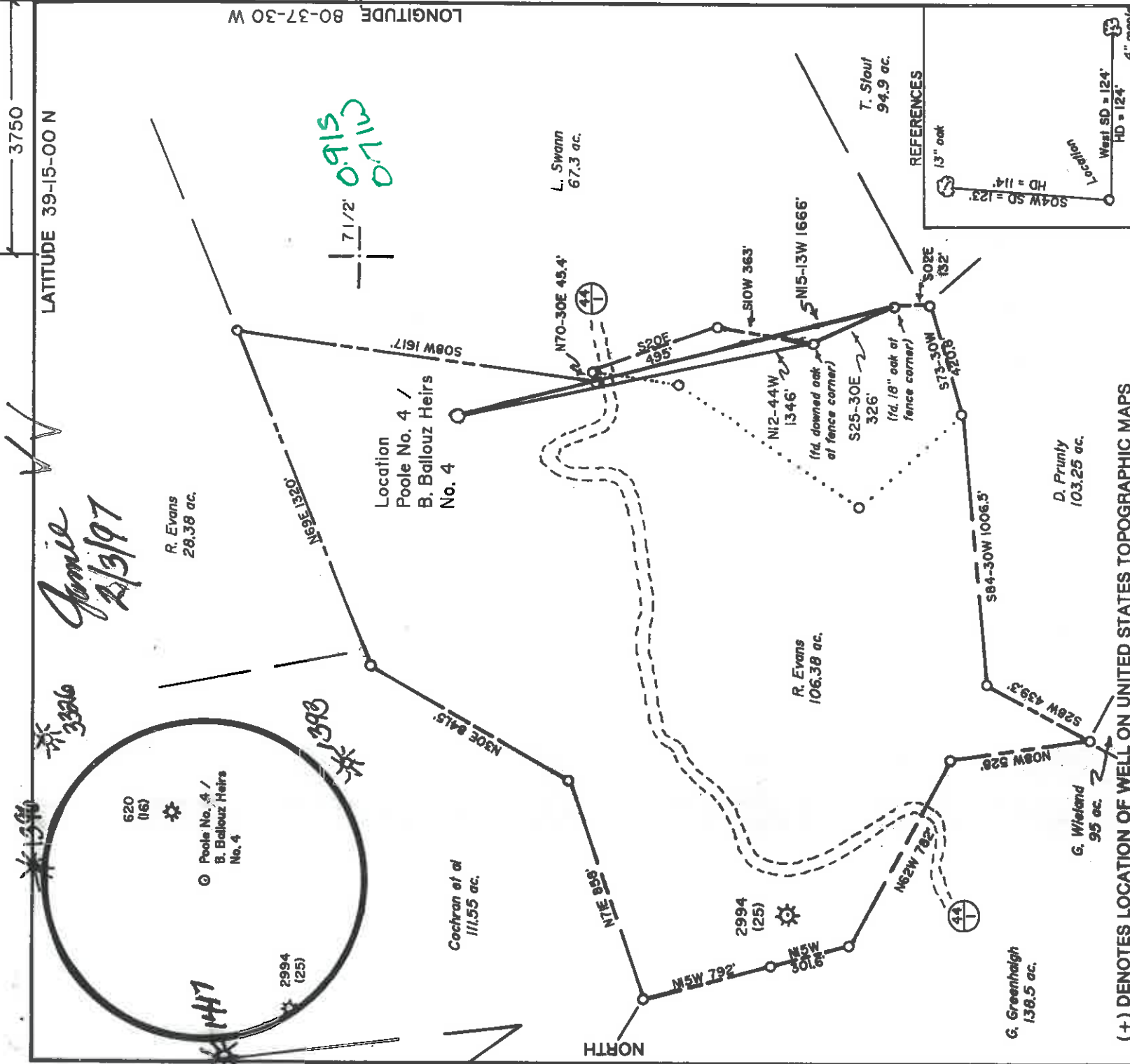


LATITUDE 39-15-00 N

LONGITUDE 80-37-30 W

4800



I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAN 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 W. Adams R.P.E. I.L.S. 791

(+) 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 1800'
SE of Location: elev. 1330'

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

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL DEEP SHALLOW

LOCATION: ELEVATION 1117 WATER SHED Hunter Fork
 DISTRICT Greenbrier COUNTY Doddridge

QUADRANGLE New Milton 7 1/2'
 SURFACE OWNER Rodney and Linda Evans
 OIL & GAS ROYALTY OWNER Poolle / B. Ballouz Heirs LEASE ACREAGE 106
 LEASE NO. 142001

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

PLUG AND ABANDON CLEAN OUT AND REPLUG
 TARGET FORMATION Benson ESTIMATED DEPTH 5000' 5650'

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

DATE January 16, 19 97
 OPERATOR'S WELL NO. Poolle No. 4 /
 API WELL NO. B. Ballouz Heirs No. 4
47-017-04339 STATE COUNTY PERMIT

COUNTY NAME _____ PERMIT _____

Janice
2/3/97

1340
3396
1398

1447
2994 (25)

7 1/2'
0.915
0.710

RECEIVED
WV Division of
Environmental Protection

MAR 27 1997

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

Permitting
Office of Oil & Gas

Well Operator's Report of Well Work

Farm name: EVANS, RODNEY & LINDA Operator Well No.: B. POOLE #4

LOCATION: Elevation: 1,117.00 Quadrangle: NEW MILTON

District: GREENBRIER County: DODDRIDGE
Latitude: 4800 Feet South of 39 Deg. 15Min. 0 Sec.
Longitude 3750 Feet West of 80 Deg. 37 Min. 30 Sec.

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

Agent: ERIC STEARNS

Inspector: MIKE UNDERWOOD
Permit Issued: 02/03/97
Well work Commenced: 03/01/97
Well work Completed: 03/08/97

Verbal Plugging
Permission granted on: _____ Rig
Notary x Cable _____
Total Depth (feet) _____
Fresh water depths (ft) _____
75
Salt water depths (ft) _____
n/a
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.
17"	5'		
11 3/4"	246'	246'	147 sks
8 5/8"	1637'	1637'	324 sks
4 1/2"	5564'	5564'	650 sks

OPEN FLOW DATA

Producing formation Alexander/ Leopold Pay zone depth (ft) 5271-5269 5471-5461
 Gas: Initial open flow 14 MCF/d Oil: Initial open flow 0 Bbl/d 5271-5269
 Final open flow 232 MCF/d Final open flow 0 Bbl/d
 Time of open flow between initial and final tests 4 Hours
 Static rock Pressure 950 psig (surface pressure) after 72 Hours
 Second producing formation Benson Pay zone depth (ft) 5112-5114
 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 5002-5004 Hours

Third producing formation Riley / Speechley Pay zone depth (ft) 3542-3542
 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 3537-3542 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 WELLEORE.

For: PETROLEUM DEVELOPMENT CORP.

By: Eric R. Stearns
Date: March 26, 1997

MAR 31 1997

Poole #4

STAGE	FORMATION	PERFS.	80/100 SKS	20/40 SKS	ACID GAL	N2 (MCF)
1st	Alexander Leopold	6 (5471' - 5461') 6 (5271' - 5269')	0	150	500	21

2nd	Benson	9 (5112' - 5114')	0	250	500	23
3rd	Riley Speechley	4 (5002' - 5004') 6 (3537' - 3542')	0	160	500	21

W E L L L O G

FORMATION	TOP FEET	BOTTOM FEET	REMARKS: FRESH & SALT WATER, COAL, OIL & GAS
KB - GL	0	10	
sand, shale, RR	10	2094	1 & 1/2" Stream H2O @ 75'
Little Lime	2094	2114	1" Stream H2O @ 300'
sand, shale	2114	2132	1" Stream H2O @ 1005'
Big Lime	2132	2183	
sand, shale	2183	2188	
Keener	2188	2206	
sand, shale	2206	2210	
Big Injun	2210	2282	gas chk @ 2036' no show
sand, shale	2282	2338	gas chk @ 2724' no show
Weir	2338	2500	gas chk @ 2972' no show
sand, shale	2500	2512	gas chk @ 4122' no show
Gantz	2512	2545	gas chk @ 5308' 2/10 thru 1" w/water
sand, shale	2545	2607	gas chk @ TD 4/10 thru 1" w/water
50 ft	2607	2675	gas chk @ DC 2/10 thru 1" w/water
sand, shale	2675	2700	
30 ft	2700	2742	
sand, shale	2742	2785	
Gordon	2785	2835	
sand, shale	2835	2895	
4th	2895	2996	
sand, shale	2996	3060	
5th	3060	3292	
sand, shale	3292	3204	
Bayard	3204	3230	
sand, shale	3230	3450	
Warten	3450	3600	
sand, shale	3600	3626	
Speechley	3626	4050	
sand, shale	4050	4090	
Balltown	4090	4330	
sand, shale	4330	4408	
Bradford	4408	4510	
sand, shale	4510	4750	
Riley	4750	5020	
sand, shale	5020	5104	
Benson	5104	5142	
sand, shale	5142	5360	
Alexander	5360	5462	
sand, shale	5462	5620	

Drillers TD

Logger TD

5614

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

1) Well Operator: PETROLEUM DEVELOPMENT CORPORATION 38200 (4) 511
Operator's Well Number: B. Poole #4 3) Elevation: 1117'

Well type: (a) Oil / or Gas XX / Issued 02/03/97
(b) If Gas: Production XX / Undergound Storage / Expires 02/03/99
Deep / Shallow XX /

Proposed Target Formation(s): Alexander Sand 439

6) Proposed Total Depth: 5650' feet

7) Approximate fresh water strata depths: 200'; 236'

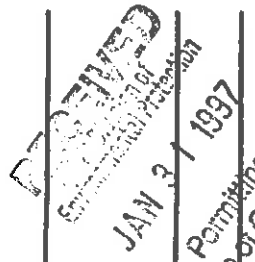
8) Approximate salt water depths: 1313'; 1543'

9) Approximate coal seam depths: 325' - 26'

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

11) Proposed Well Work: Drill & Stimulate New Well

12)



CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS	FOOTAGE INTERVALS	CEMENT		
	Size	Grade	Weight per ft. drilling	Left in well	Fill-up (cu. ft.)
Conductor	11 3/4"	H-40	42#	30' / 250'	1250' <i>CS-1</i>
Fresh Water	8 5/8"	H-40	20/23#	1080' / 1630'	1080' / 1630'
Coal					<i>CS-1</i>
Intermediate	8 5/8"	H-40	20/23#	1080' / 1630'	38CSR18-11.3 38CSR18-11.2.2
Production	4 1/2"	J-55	10.5#	5650'	38CSR18-11.1 450 sks
Tubing					
Liners					

PACKERS : Kind _____
Sizes _____
Depths set _____

For Office of Oil and Gas Use Only
Fee(s) paid: Well Work Permit Reclamation Fund WPCP
Plat WW-9 WW-2B Bond *Blanket* (Type)
[Signature] Agent

1) Date: January 22, 1997
2) Operator's well number
3) B. Pool #4
APL Well No: 47 - 017 - 4339
State County Permit

STATE OF WEST VIRGINIA - BUREAU OF ENVIRONMENT
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface Owner(s) to be served: 5) (a) Coal Operator:

(a) Name Rodney and Linda Evans et al Name _____ Address _____
Rt. 1, Box 380 Address _____
Salem, WV 26426

(b) Name _____ (b) Coal Owner(s) with Declaration
Name _____ Address _____
Address _____

(c) Name _____ Name _____
Address _____ Address _____

6) Inspector Mike Underwood (c) Coal Lessee with Declaration
Name _____
Address Rt. 2, Box 135 Name _____
Salem, WV 26426 Address _____
Telephone (304) - 782-1043

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

Included is the information required by Chapter 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)

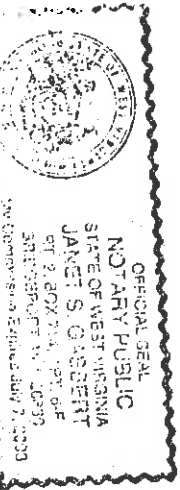
I certify that as required under Chapter 22 of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents' pages 1 through ___ on the above named parties, by:

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

I have read and understand Chapter 22-6 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 DEVON DRILLING CORPORATION
By: Eric R. Stearns
Its: V. P., Exploration & Development
Address P O Box 26
Bridgeport, WV 26330
Telephone 304-842-6256

Subscribed and sworn before me this 22 day of January, 1997
Janet S. Casbert Notary Public
My commission expires July 7, 2003