

# PARKERSBURG NATIONAL BANK, et al

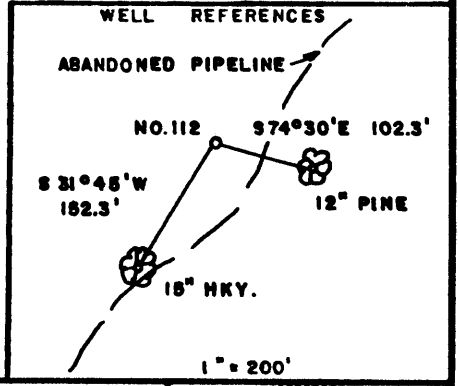
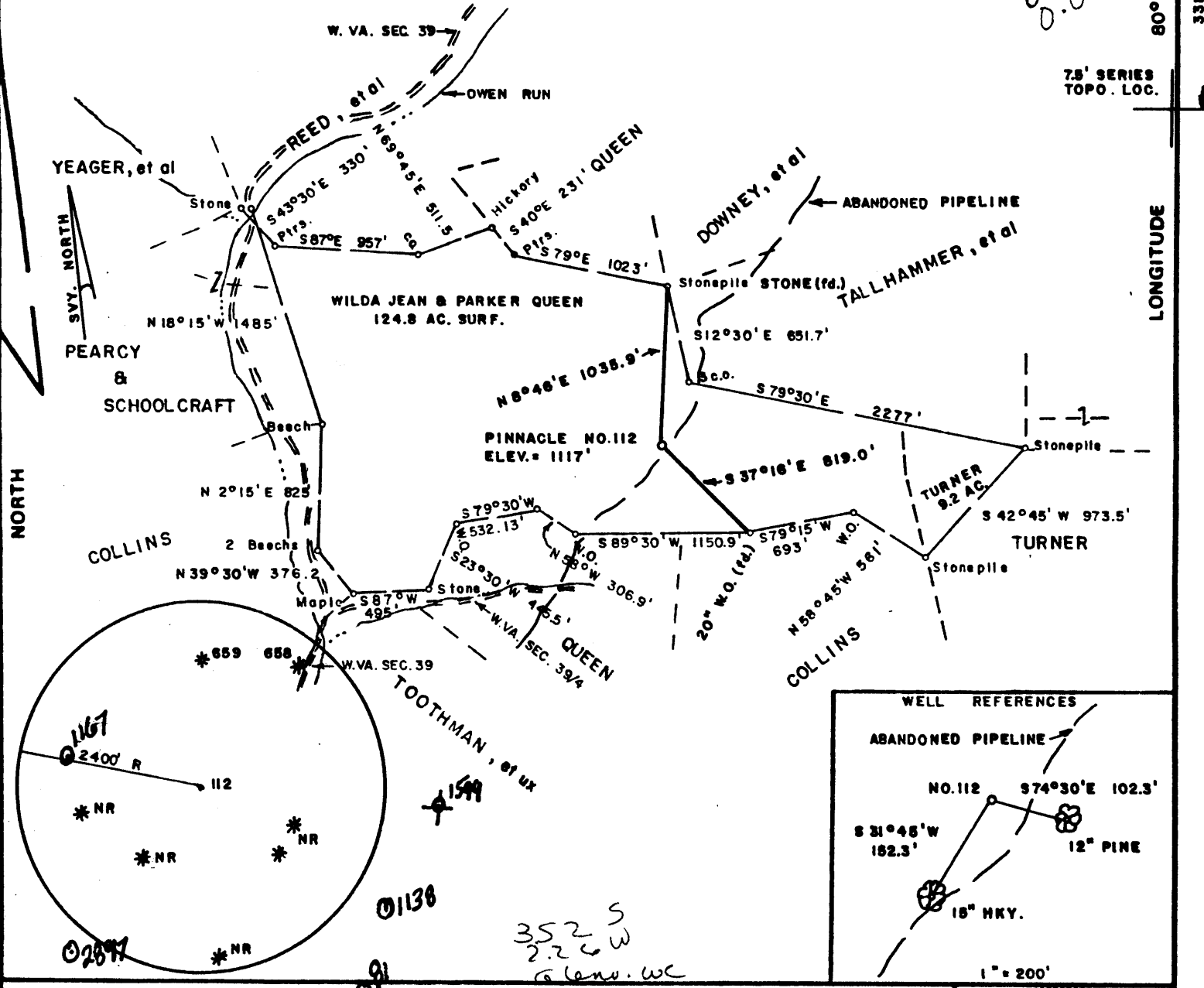
LATITUDE 38°52' 30"

134 ACRES ± *Genie 11/2/90*

*0.645  
0.022W*

80° 57' 30"

7.5' SERIES TOPO. LOC.



FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1/200  
 PROVEN SOURCE OF ELEVATION TOP OF KNOB NORTH OF LEASE ELEV. = 1169'

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*  
 (SIGNED) MARK C. ECHARD  
 R.P.E. \_\_\_\_\_ L.L.S. 490



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 FORM IV-6 (8-78)



DATE OCTOBER 19, 19 90  
 OPERATOR'S WELL NO. PINNACLE NO. 112  
 API WELL NO. \_\_\_\_\_  
47 - 021 - 4911  
 STATE COUNTY PERMIT

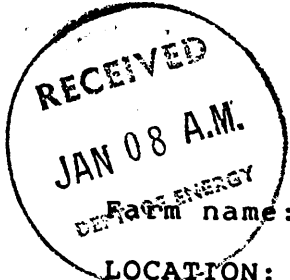
## STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION

WELL TYPE: OIL \_\_\_ GAS  LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION  STORAGE \_\_\_ DEEP \_\_\_ SHALLOW   
 LOCATION: ELEVATION 1117' WATER SHED OWEN RUN  
 DISTRICT CENTER COUNTY GILMER  
 QUADRANGLE NORMANTOWN 7.5'  
 SURFACE OWNER WILDA JEAN & PARKER QUEEN ACREAGE 124.8 of 134  
 OIL & GAS ROYALTY OWNER PARKERSBURG NATIONAL BANK, et al LEASE ACREAGE 134  
 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 4600' ±  
 WELL OPERATOR PINNACLE OIL & GAS CORP. DESIGNATED AGENT MR. TOM R. RAGSDALE  
 ADDRESS P.O. BOX 8538 4566 ADDRESS P.O. BOX 8538  
SOUTH CHARLESTON, W.VA. 25303 SOUTH CHARLESTON, W.VA. 25303

NOV 12 1990

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

Reviewed TMG  
Recorded \_\_\_\_\_



Well Operator's Report of Well Work

Form name: QUEEN, WILDA & PARKER

Operator Well No.: PNB #112

LOCATION: Elevation: 1117'      Quadrangle: NORMANTOWN

District: CENTER      County: GILMER  
Latitude: 3310'      Feet South of 38      Deg. 55Min. 0      Sec.  
Longitude 30'      Feet West of 80      Deg. 57 Min. 30      Sec.

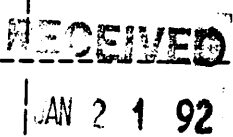
Company: PINNACLE OIL & GAS CORP.

P.O. BOX 8538  
SO. CHARLESTON, WV 25303-8538

Casing & Tubing Size	Used in	Left	Cement Fill
9 5/8"	400	400	To surface
4 1/2"	4590	4590	To 1320'

Agent: TOM R. RAGSDALE

Inspector: CRAIG DUCKWORTH  
Permit Issued: 11/5/90  
Well work Commenced: 12/1/90  
Well work Completed: 12/4/90  
Verbal Plugging  
Permission granted on: \_\_\_\_\_  
Rotary  Cable \_\_\_\_\_ Rig \_\_\_\_\_  
Total Depth (feet) 4617  
Fresh water depths (ft) 100  
Salt water depths (ft) None



Division of Energy  
Oil and Gas Section

OPEN FLOW DATA

Producing formation Devonian Shale      Pay zone depth (ft) 4446-390  
Gas: Initial open flow show MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/  
Final open flow (390) MCF/d      Final open flow \_\_\_\_\_ Bbl/  
Time of open flow between initial and final tests 72 Hour  
Static rock Pressure 890 psig (surface pressure) after 72 Hour

Second producing formation Dev. Shale      Pay zone depth (ft) 3756-26  
Gas: Initial open flow show MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/  
Final open flow (421) MCF/d      Final open flow \_\_\_\_\_ Bbl/  
Time of open flow between initial and final tests 72 Hour  
Static rock Pressure 675 psig (surface pressure) after 72 Hour

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATE 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: PINNACLE OIL & GAS CORP.

By: Tom R. Ragdale  
Date: December 2, 1991

442  
437  
Devonian Shale Fracture 1st Stage  
Perforate 4446 - 3905' (22 holes)  
Frac 900,000 N<sub>2</sub> 500 gal HCL Acid  
Set Bridge Plug @ 3850'

438  
414  
Devonian Shale Fracture 2nd Stage  
Perforate 3756 - 2510' (22 holes)  
Frac 900,000 N<sub>2</sub> 1000 gas HCL Acid

FORMATIONS	DEPTHS
Sand & Shale	0 - 410
Shale	410 - 600
Sand	600 - 750
Sand & Shale	750 - 1030
Sand	1030 - 1560
Salt Sand	1560 - 1610
Shale	1610 - 1740
Maxton	1740 - 1810
Shale	1810 - 1835
Little Lime	1835 - 1855
Pencil Cave	1855 - 1870
Big Lime	1870 - 1925
Big Injun	1925 - 2025
Shale	2025 - 2230
Devonian Shale	2230 - 4617
Total Depth	4617'

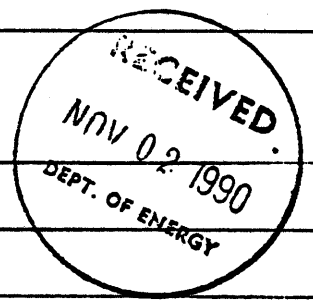
42325 for Dev  
42082

474

41511

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

- 1) Well Operator: <sup>4566</sup> Pinnacle Oil & Gas Corporation
- 2) Operator's Well Number: PNB #112 3) Elevation: 1117'
- 4) Well type: (a) Oil \_\_\_ / or Gas x /  
 (b) If Gas: Production x / Underground Storage \_\_\_ /  
 Deep \_\_\_ / Shallow x /
- 5) Proposed Target Formation(s): Riley-Benson <sup>435</sup>
- 6) Proposed Total Depth: 4600' feet
- 7) Approximate fresh water strata depths: 150'
- 8) Approximate salt water depths: 1500'
- 9) Approximate coal seam depths: 0'
- 10) Does land contain coal seams tributary to active mine? Yes \_\_\_ / No x /
- 11) Proposed Well Work: Drilling and Stimulating *New Well*
- 12)



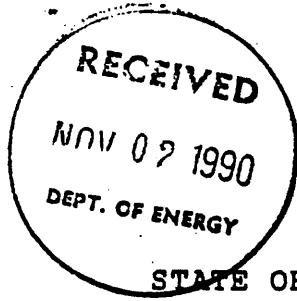
CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For drilling	Left in well	
Conductor						
Fresh Water	9 5/8"	LS	33#	350'	350'	to surface
Coal						38CSR18-11.3
Intermediate	7"	J-55	20#	2100'	2100'	38CSR18-11.2 100 sks
Production	4 1/2"	J-55	11.6#		4600'	250 sks
Tubing						38CSR18-11.1
Liners						

PACKERS : Kind \_\_\_\_\_  
 Sizes \_\_\_\_\_  
 Depths set \_\_\_\_\_

For Division of Oil and Gas Use Only

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



1) Date: October 29, 1990  
2) Operator's well number  
    PNB #112  
3) API Well No: 47 - 021 - 4911  
    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 Wilda Jean & Parker Queen  
Address Route 2-B Box 13  
    Lockney, WV 25258  
(b) Name \_\_\_\_\_  
Address \_\_\_\_\_  
(c) Name \_\_\_\_\_  
Address \_\_\_\_\_

5) (a) Coal Operator:  
Name Unoperated  
Address \_\_\_\_\_  
(b) Coal Owner(s) with Declaration  
Name Unknown  
Address \_\_\_\_\_  
Name \_\_\_\_\_  
Address \_\_\_\_\_

6) Inspector Craig Duckworth  
Address Box 107 Davisson Route  
    Gassaway, WV 26624  
Telephone (304) - 364-5942

(c) Coal Lessee with Declaration  
Name Unknown  
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  
x 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:  
x Personal Service (Affidavit attached)  
\_\_\_\_\_ 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.



OFFICIAL SEAL  
NOTARY PUBLIC  
STATE OF WEST VIRGINIA  
**MARY JO STOWERS**  
Sterling Drilling & Production Co., Inc.  
710 Va. St. E Charleston, WV 25301  
My Commission Expires Aug. 7, 1995

Well Operator Pinnacle Oil & Gas Corporation  
By: Tom R. [Signature]  
Its: Designated Agent  
Address P.O. Box 8538  
    South Charleston, WV 25303  
Telephone (304) 345-7247

Subscribed and sworn before me this 29th day of October, 1990

Mary Jo Stowers

Notary Public

My commission expires August 7, 1995