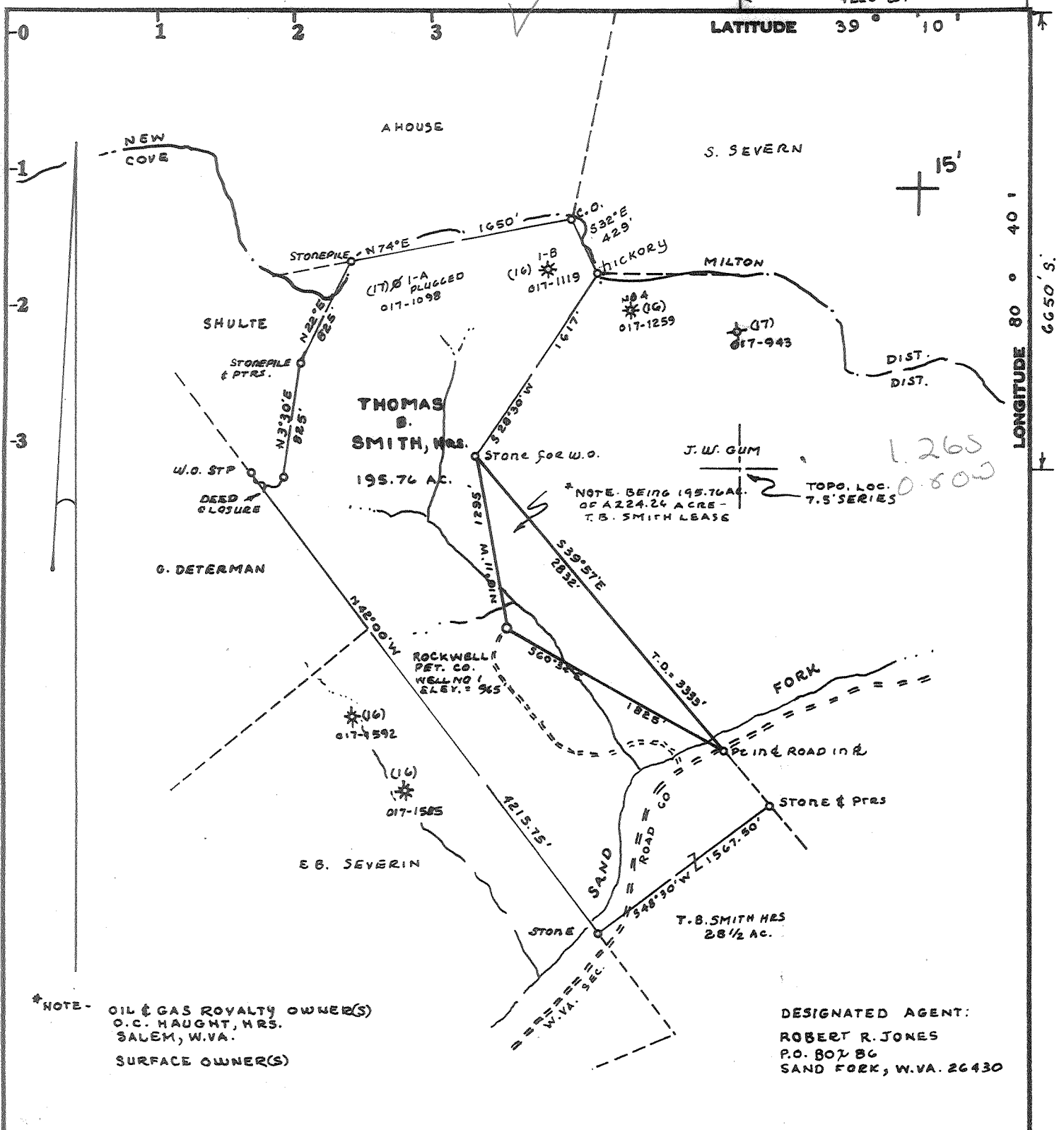


4/4/79 R

4220' W.



\*NOTE - OIL & GAS ROYALTY OWNER(S)  
 O.C. HAUGHT, MRS.  
 SALEM, W.VA.  
 SURFACE OWNER(S)

DESIGNATED AGENT:  
 ROBERT R. JONES  
 P.O. BOX 86  
 SAND FORK, W.VA. 26430

Minimum Error of Closure ONE PART IN 200

Source of Elevation TOP OF KNOB 1450' WEST OF LOCATION

ELEVATION = 1296'

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Fracture.....   
 New Location.....  GAS-DRILL DEVONIAN SHALE-T.F. EST. DEPT.-5300'  
 Drill Deeper.....   
 Abandonment.....

Signed: Mark C. Echard  
 Squares: N S E W

Map No.

Continental Petroleum Corporation  
 P.O. Box 1  
 Sand Fork, Wva. 26430-0001

WEST VIRGINIA  
 DIVISION OF ENVIRONMENTAL PROTECTION  
 OFFICE OF OIL AND GAS  
 #10 McJUNKIN ROAD  
 NITRO, WEST VIRGINIA 25143-2506

Tract \_\_\_\_\_ Acres 224.26 Lease No. \_\_\_\_\_

**WELL LOCATION MAP**

Well (Farm) No. ONE Serial No. \_\_\_\_\_

FILE NO. 47-017-2375-F

Elevation (Spirit Level) 965'  
VADIS 15'  
 Quadrangle NEW MILTON 7.5'

County DODDRIDGE District COVE  
 Surveyor/Engineer MARK C. ECHARD  
 SURVEYOR'S  
 Engineer's Registration No. 490 LLS.

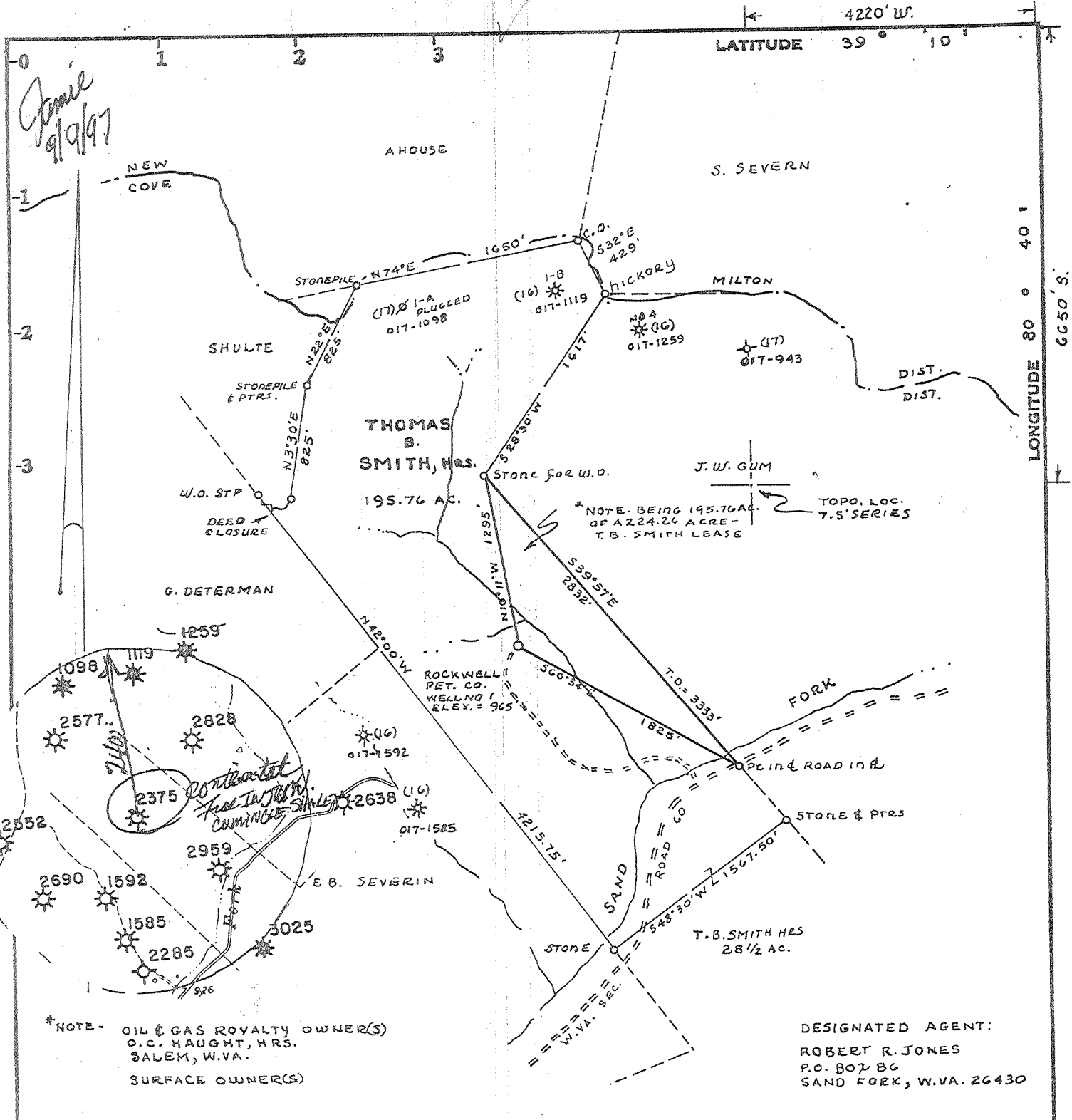
+ Denotes location of well on United States Topographic Maps, scale 1 to 25,000, latitude and longitude lines being represented by border lines as shown.

File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_

- Denotes one inch spaces on border line of original tracing.

Date MARCH 26, 1979 Scale 1"=1000'

SEP 12 1997



Minimum Error of Closure ONE PART IN 200  
 Source of Elevation TOP OF KNOB 1450' WEST OF LOCATION  
 ELEVATION = 1296'

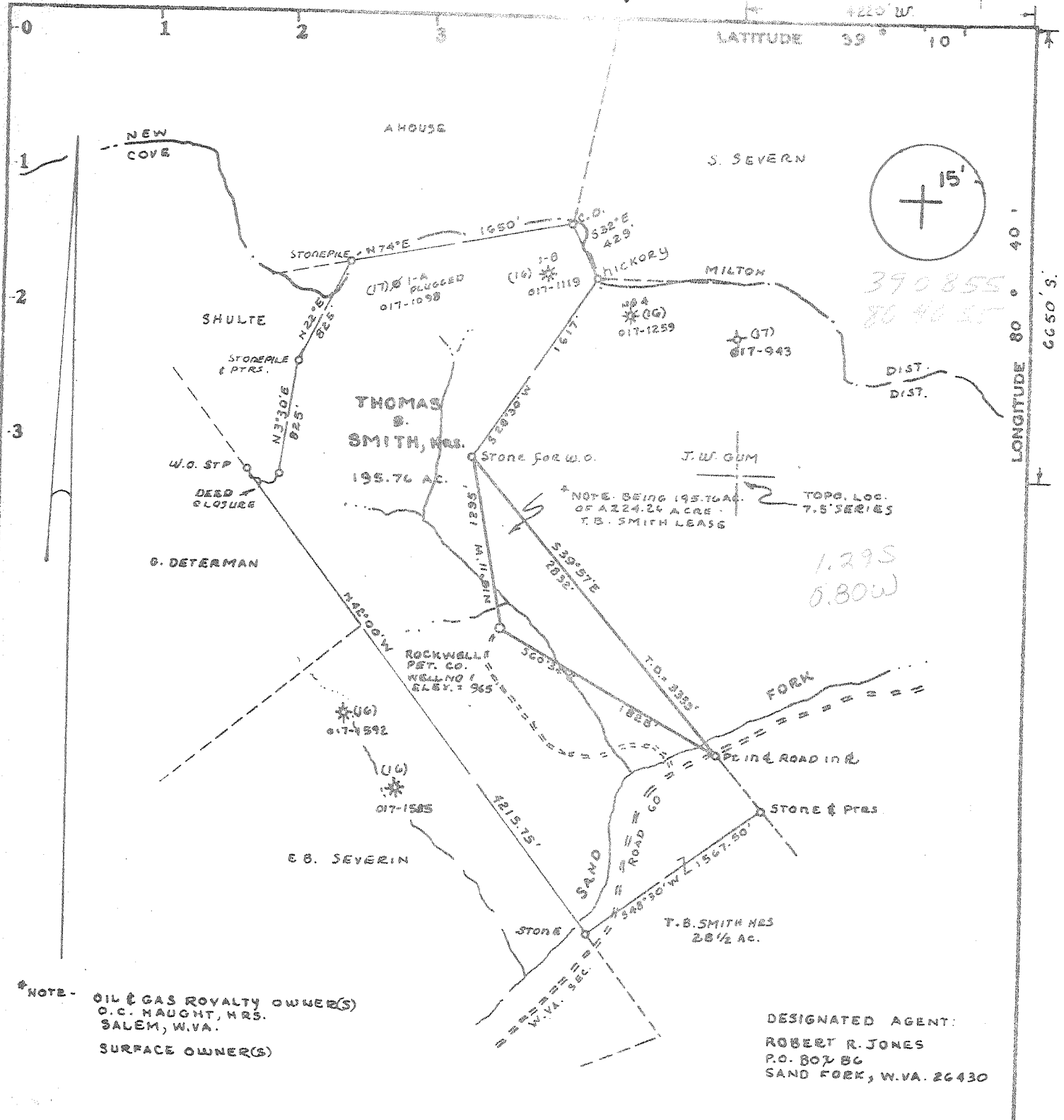
I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Fracture.....   
 New Location.....  GAS-DRILL DEVONIAN SHALE-T.F. EST. DEPT.-5300'  
 Drill Deeper.....   
 Abandonment.....

Signed: mark c. Echard  
 Squares: N S E W

Map No. \_\_\_\_\_  
 Continental Petroleum Corporation  
 P.O. Box 1  
 Sand Fork, Wva. 26430-0001  
 Tract \_\_\_\_\_ Acres 224.26 Lease No. \_\_\_\_\_  
 Well (Farm) No. ONE Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 965'  
 Quadrangle NEW MILTON 7.5'  
 County DODDRIDGE District COVE  
 SURVEYOR/  
 Engineer MARK C. ECHARD  
 SURVEYORS/  
 Engineer's Registration No. 490 LLS.  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date MARCH 26, 1979 Scale 1"=1000'

WEST VIRGINIA  
 DIVISION OF ENVIRONMENTAL PROTECTION  
 OFFICE OF OIL AND GAS  
 #10 McJUNKIN ROAD  
 NITRO, WEST VIRGINIA 25143-2506  
**FRAC CANCELLED**  
**WELL LOCATION MAP**  
*Well No. 47-017-02375 F.*  
*Well Drilled in 1979 by*  
*Rockwell Petroleum T.D.*  
*5425' Production from Elk & Benson,*  
*Temp. Plug Back & frac engine & Comingle*  
*with shale.*



\*NOTE - OIL & GAS ROYALTY OWNER(S)  
O.C. HAUGHT, MRS.  
SALEM, W.VA.  
SURFACE OWNER(S)

DESIGNATED AGENT:  
ROBERT R. JONES  
P.O. BOX 86  
SAND FORK, W.VA. 26430

Minimum Error of Closure ONE PART IN 200  
Source of Elevation TOP OF KNOB 1450' WEST RELOCATION  
ELEVATION = 1296'

Fracture   
New Location  GAS-DRILL DEVONIAN SHALE T.F. EST. DEPT. - 9300'  
Drill Deeper   
Abandonment

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Signed: Mark C. Echard  
Squares: N S E W

Company ROCKWELL PETROLEUM COMPANY  
Address P.O. BOX 86 SAND FORK, W.VA. 26430  
GILBERT T. CAPPS  
Farm THOMAS B. SMITH, HRS.  
Tract \_\_\_\_\_ Acres 224.26 Lease No. \_\_\_\_\_  
Well (Farm) No. ONE Serial No. \_\_\_\_\_  
Elevation (Spirit Level) 965' WC  
VADIS 15'  
Quadrangle NEW MILTON 7.5'  
County DODDRIDGE District COVE  
SURVEYOR/  
Engineer MARK C. ECHARD  
SURVEYORS/  
Engineer's Registration No. 490 LLS.  
File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
Date MARCH 26, 1979 Scale 1"=1000'

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

WELL LOCATION MAP  
FILE NO. 47-017-2375

+ Denotes location of well on United States Topographic Maps, scale 1 to 25,000, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

APR 27 1979

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

Date August 2, 19 79

FORM IV-35  
(Obverse)

Operator's  
Well No. Smith #1A

[08-78]

WELL OPERATOR'S REPORT 7  
OF  
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

API Well No. 47 - 017 - 2375  
State County Permit

WELL TYPE: Oil  / Gas  / Liquid Injection  / Waste Disposal   
(If "Gas", Production  / Underground storage  / Deep  / Shallow  /)

LOCATION: Elevation: 965' Watershed: Sand Fork  
District: Cove County: Doddridge Quadrangle: New Milton 7.5'

WELL OPERATOR Rockwell Petroleum Company DESIGNATED AGENT Robert R. Jones  
Address P O Box 86 Address P O Box 86  
Sand Fork, WV 26430 Sand Fork, WV 26430

PERMITTED WORK: Drill  / Convert  / Drill deeper  / Redrill  / Fracture or stimulate   
Plug off old formation  / Perforate new formation   
Other physical change in well (specify) \_\_\_\_\_  
AUG 13 1979

PERMIT ISSUED ON April 4, 1979  
(IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED \_\_\_\_\_, 19\_\_\_\_)

OIL & GAS INSPECTOR FOR THIS WORK:  
Name Paul Garrett OIL & GAS DIVISION DEPT. OF MINES  
Address Clarksburg, WV  
622-3871

GEOLOGICAL TARGET FORMATION: Elk Depth 5270 feet  
Depth of completed well, 5425 feet Rotary  / Cable Tools   
Water strata depth: Fresh, 128 feet; salt, \_\_\_\_\_ feet.  
Coal seam depths: None Is coal being mined in the area? No  
Work was commenced July 16, 1979, and completed July 20, 1979

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS	
	Size	Grade	Weight per ft	New	Used	For drilling	Left in well		Kinds	Sizes
Conductor										
Fresh water	8 5/8					1134	1134	To surface		
Coal										
Intermediate										
Production	4 1/2						5340	625 sks	Depth set	
Tubing										
Liners									Perforations:	
									Top	Bottom

OPEN FLOW DATA

Producing formation Benson Pay zone depth 4945 feet  
Gas: Initial open flow, \_\_\_\_\_ Mcf/d Oil: Initial open flow, \_\_\_\_\_ Bbl/d  
Final open flow, \_\_\_\_\_ Mcf/d Final open flow, \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests, \_\_\_\_\_ hours  
Static rock pressure, \_\_\_\_\_ psig (surface measurement) after \_\_\_\_\_ hours shut in  
[If applicable due to multiple completion--]  
Second producing formation Elk Pay zone depth 5275 feet  
Gas: Initial open flow, Show Mcf/d Oil: Initial open flow, 0 Bbl/d  
Combined Final open flow, 1,200 Mcf/d Final open flow, 0 Bbl/d  
Time of open flow between initial and final tests, 3 hours  
Static rock pressure, 1520 psig (surface measurement) after 40 hours shut in

AUG 22 1979

[08-78]

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

July 27, 1979

Elk - 20,000 lb. 80/100 sand  
40,000 lb. 20/40 sand  
20.9 BPM at 2200 lb.  
800 lb. breakdown  
662 bbls. water

Benson - 20,000 lb. 80/100 sand  
38,000 lb. 20/40 sand  
21 BPM at 2400 lb  
710 bbls. water  
1400 lb. breakdown

Perforations - 5059 - 5060, 2 holes  
6' 4242 - 4243, 2 holes  
5250, 5264, 5275, 1 hole each

Perforations - 4943 - 4945, 7 holes

WELL LOG

FORMATION	Color	Hard or Soft	Top Feet	Bottom Feet	Remarks Including indication of all fresh and salt water, coal, oil and gas
Surface			0	120	
Sand			120	128	Water
Shale			128	140	
Sand			140	142	Water
Shale			142	420	
Red Rock			420	470	
Shale			470	690	
Red Rock			690	714	
Shale			714	1320	
Sand			1320	1382	
Shale			1382	1804	
Sand			1804	1820	
Shale			1820	1985	
Lime			1985	2008	
Slate			2008	2050	
Lime			2050	2120	
Sand			2120	2150	Show gas
Lime			2150	2178	
Sand			2178	2202	Show gas, oil
Sandy Shale			2202	2350	Show gas
Shale			2350	2624	
Sand			2624	2633	
Shale			2633	3000	
Sandy Shale			3000	3026	Show gas
Shale			3026	3384	
Sandy Shale			3384	3424	
Shale			3424	3590	
Sandy Shale			3590	3600	
Shale			3600	4475	
Sand			4475	4506	
Shale			4506	4938	
Sandy Shale			4938	4950	Show gas
Shale			4950	5052	
Sandy Shale			5052	5072	Show gas
Shale			5072	5216	
Sandy Shale <i>ELK</i>			5216	5278	
Shale <i>BRAL.</i>			5278	5425	
Total Depth			5425		

(Attach separate sheets to complete as necessary)

Rockwell Petroleum Company

Well Operator

By

*Robert R. Jones*  
Robert R. Jones

Its

Partner

NOTE: Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic, detailed geological record of all formations, including coal, encountered in the drilling of a well."

1) Date: August 4, 1997  
2) Operator's well number \_\_\_\_\_  
3) Smith #1-A  
API Well No: 47 - 017 - 2375 - F  
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 Robert K. Woody Name \_\_\_\_\_  
Address 4575 Alliance Road Address \_\_\_\_\_  
Ravenna, Ohio 44266
- (b) Name \_\_\_\_\_ (b) Coal Owner(s) with Declaration  
Address \_\_\_\_\_ Name \_\_\_\_\_  
Address \_\_\_\_\_
- (c) Name \_\_\_\_\_ Name \_\_\_\_\_  
Address \_\_\_\_\_ Address \_\_\_\_\_
- 6) Inspector Mike Underwood (c) Coal Lessee with Declaration  
Address Route 2, Box 135 Name \_\_\_\_\_  
Salem, WV 26426-0135 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

xxx 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)  
xxx 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.

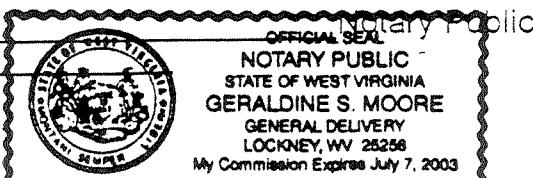
I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true,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

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

Well Operator Continental Petroleum Company  
By: Robert R. Jones  
Its: Owner  
Address P.O. Box 1  
Sand Fork, WV 26430  
Telephone (304) 462-5758

Subscribed and sworn before me this 20th day of August, 19 97

My commission expires Geraldine S. Moore  
July 7, 2003



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

- 1) Well Operator: Continental Petroleum Company 11000 (2) 511
- 2) Operator's Well Number: Smith #1-A 3) Elevation: 965'
- Well type: (a) Oil \_\_\_ / or Gas X /
- (b) If Gas: Production X / Underground Storage \_\_\_ /  
Deep \_\_\_ / Shallow X /
- Proposed Target Formation(s): Big Injun
- Proposed Total Depth: 2120'-2150' feet
- Approximate fresh water strata depths: 130'
- Approximate salt water depths: N/A
- Approximate coal seam depths: N/A
- Does land contain coal seams tributary to active mine? Yes \_\_\_ / No X /
- Proposed Well Work: Perforate and Frac Big Injun in an existing well.
- 12)

Issued 09/09/97  
Expires 09/09/99

CRISIS CENTER Gas

CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT	
	Size	Grade	Weight per ft.	For drilling		Left in well
Conductor						
Fresh Water	8 5/8	ERW	20#		1134'	cemented to surface
Coal						
Intermediate						
Production	4 1/2	ERW	10.5#		5340'	625 sacks
Tubing	1 1/2				5300'	
Liners						

*Handwritten signature/initials*

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 \_\_\_\_\_  Agent  
(Type)

24214

238

1/4

# COPY

OIL AND GAS WELL PERMIT APPLICATION

Operator's  
Well No. Smith #1

API Well No. 47-017-2375  
State County Permit

WELL TYPE: Oil  / Gas  /  
(If "Gas", Production  / Underground storage  / Deep  / Shallow )

LOCATION: Elevation: 965' Watershed: Sand Fork  
District: Cove County: Doddridge Quadrangle: New Milton 7.5'

WELL OPERATOR Rockwell Petroleum Company  
Address P O Box 86  
Sand Fork, WV 26430

DESIGNATED AGENT Robert R. Jones  
Address P O Box 86  
Sand Fork, WV 26430

OIL & GAS  
ROYALTY OWNER O. C. Haught Heirs  
Address Salem, WV

COAL OPERATOR -----  
Address -----

Acreage 224.26

COAL OWNER(S) WITH DECLARATION ON RECORD:

SURFACE OWNER Gilbert T. Capos  
Address 3406 65th Avenue  
Landover, MD

Name -----  
Address -----

Acreage 224.26

Name -----  
Address -----

FIELD SALE (IF MADE) TO:  
Name -----  
Address -----

COAL LESSEE WITH DECLARATION ON RECORD:  
Name -----  
Address -----

OIL & GAS INSPECTOR TO BE NOTIFIED  
Name Paul Garrett  
Address Clarksburg, WV  
Phone: 622-3871

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed  / lease  / other contract  / dated October 25, 19 77, to the undersigned well operator from O. C. Haught and Blanche Haught, et al  
If said deed, lease, or other contract has been recorded:]

recorded on January 10, 19 78, in the office of the Clerk of the County Commission of Doddridge county, West Virginia, in 103 Book ----- at page 379. A permit is requested as follows:

PROPOSED WORK: Drill  / Drill deeper  / Redrill  / Fracture or stimulate  /  
Plug off old formation  / Perforate new formation  /  
Other physical change in well (specify) -----

--planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code § 22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL  
GEOPHYSICAL LOGS DIRECTLY TO:  
WEST VIRGINIA OIL AND GAS  
CONSERVATION COMMISSION  
615 WASHINGTON STREET EAST  
CHARLESTON, WV 25311  
TELEPHONE: (304) 348-3092

BLANKET BOND

Rockwell Petroleum Company  
Well Operator  
By Robert R. Jones  
Its Partner



[08-78]

Y402

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:  
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) Union Drilling, Inc.  
Address Drawer 40  
Buckhannon, WV 26201

GEOLOGICAL TARGET FORMATION, Elk

Estimated depth of completed well, 5270 feet Rotary  / Cable tools  /

Approximate water strata depths: Fresh, 160 feet; salt,        feet.

Approximate coal seam depths:        Is coal being mined in the area? Yes  / No  /

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling		
Conductor								Kinds
Fresh water	8 5/8		20	X		1150	1150	To surface
Coal								Sizes
Intermediate								
Production	4 1/2		9.5	X			5270	160 sks
Tubing								
Liners								Perforations:
								Top Bottom

**NOTE:** Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

**THIS PERMIT MUST BE POSTED AT THE WELL SITE**

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved

for drilling. This permit shall expire if operations have not commenced by 12-05-79

*[Signature]*  
Deputy Director - Oil & Gas Division  
The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code § 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I V E R

The undersigned coal operator        / owner        / lessee        / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: \_\_\_\_\_, 19\_\_\_\_

By \_\_\_\_\_  
Its \_\_\_\_\_