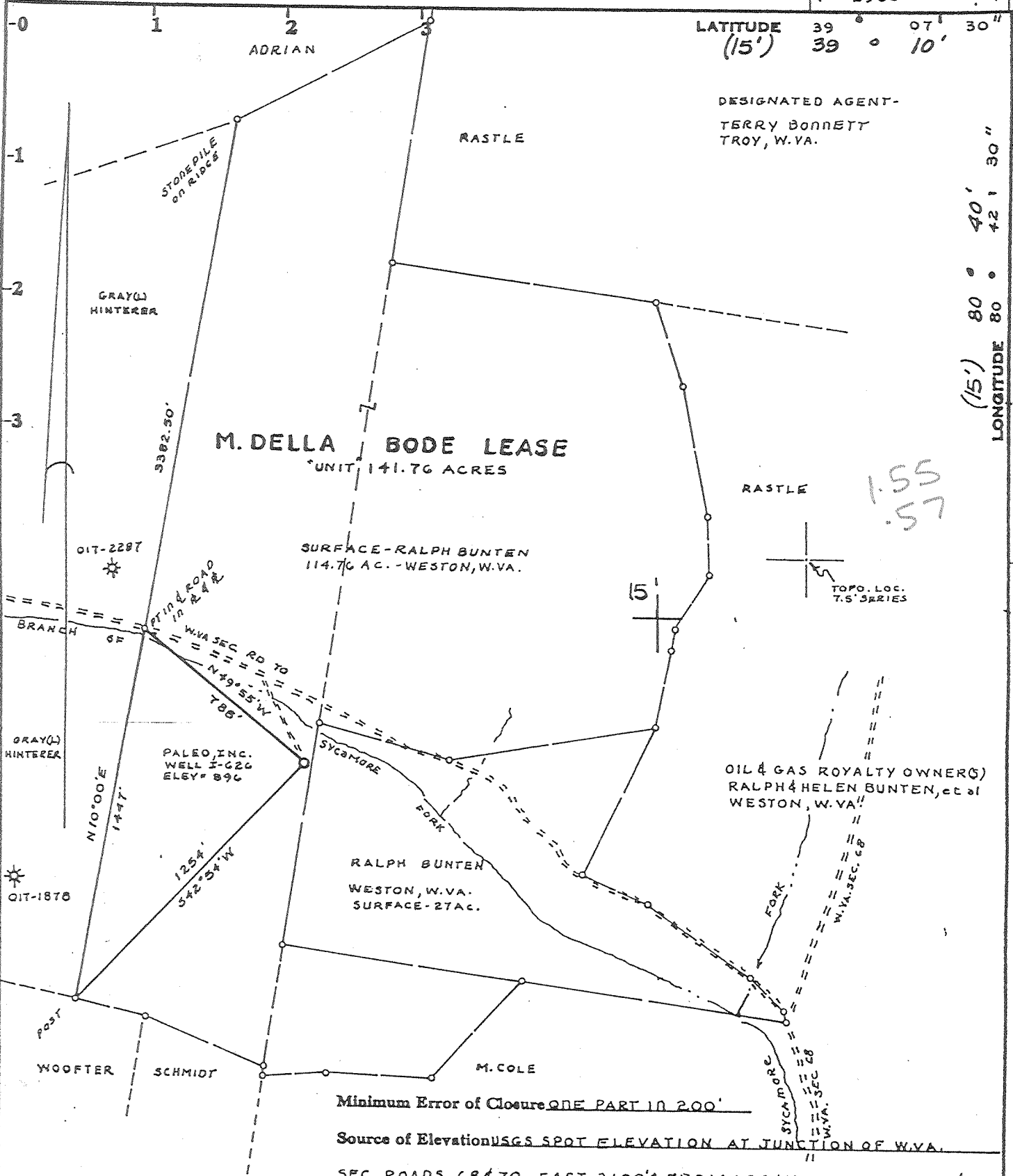


12/17/79

2980'



LATITUDE (15') 39 07' 30"

DESIGNATED AGENT - TERRY BONNETT TROY, W.VA.

LONGITUDE 80 40' 30"

M. DELLA BODE LEASE UNIT 141.76 ACRES

SURFACE - RALPH BUNTEN 114.76 AC. - WESTON, W.VA.

PALEO, INC. WELL I-G26 ELEV = 896

RALPH BUNTEN WESTON, W.VA. SURFACE - 27 AC.

OIL & GAS ROYALTY OWNERS RALPH & HELEN BUNTEN, et al WESTON, W.VA.

Minimum Error of Closure ONE PART IN 200'

Source of Elevation USGS SPOT ELEVATION AT JUNCTION OF W.V.A. SEC. ROADS GR 470 EAST 2100' FROM LOCATION - ELEV = 850'

Fracture.....  GAS-DRILL-SHALLOW  
 New Location.....  BIG INSUN-TF EST. DEPTH = 2200'  
 Drill Deeper.....   
 Abandonment  - 6/22

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

Map No. \_\_\_\_\_

Squares: N S E W

WELL C Daniel Farley  
 Compan PO Box 6871  
 Address Charleston, WV 25362  
 Farm M. DELLA BODE LEASE  
 "UNIT"  
 Tract \_\_\_\_\_ Acres 141.76 Lease No. \_\_\_\_\_  
 Well (Farm) No. I-G26 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 896'  
 Quadrangle VADIS 7.5', 15'  
 County DODDRIDGE District COYE  
 Surveyor MARK C. ECHARD  
 Surveyor's Registration No. 490  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date DECEMBER 8, 1979 Scale 1" = 500'

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

WELL LOCATION MAP FILE NO. 47-017-2550P

+ Denotes location of well on United States Topographic Maps, scale 1 to 24,000 latitude and longitude lines being represented by border lines as shown.  
- Denotes one inch spaces on border line of original tracing.

DADD - 2550 P

12/17/79

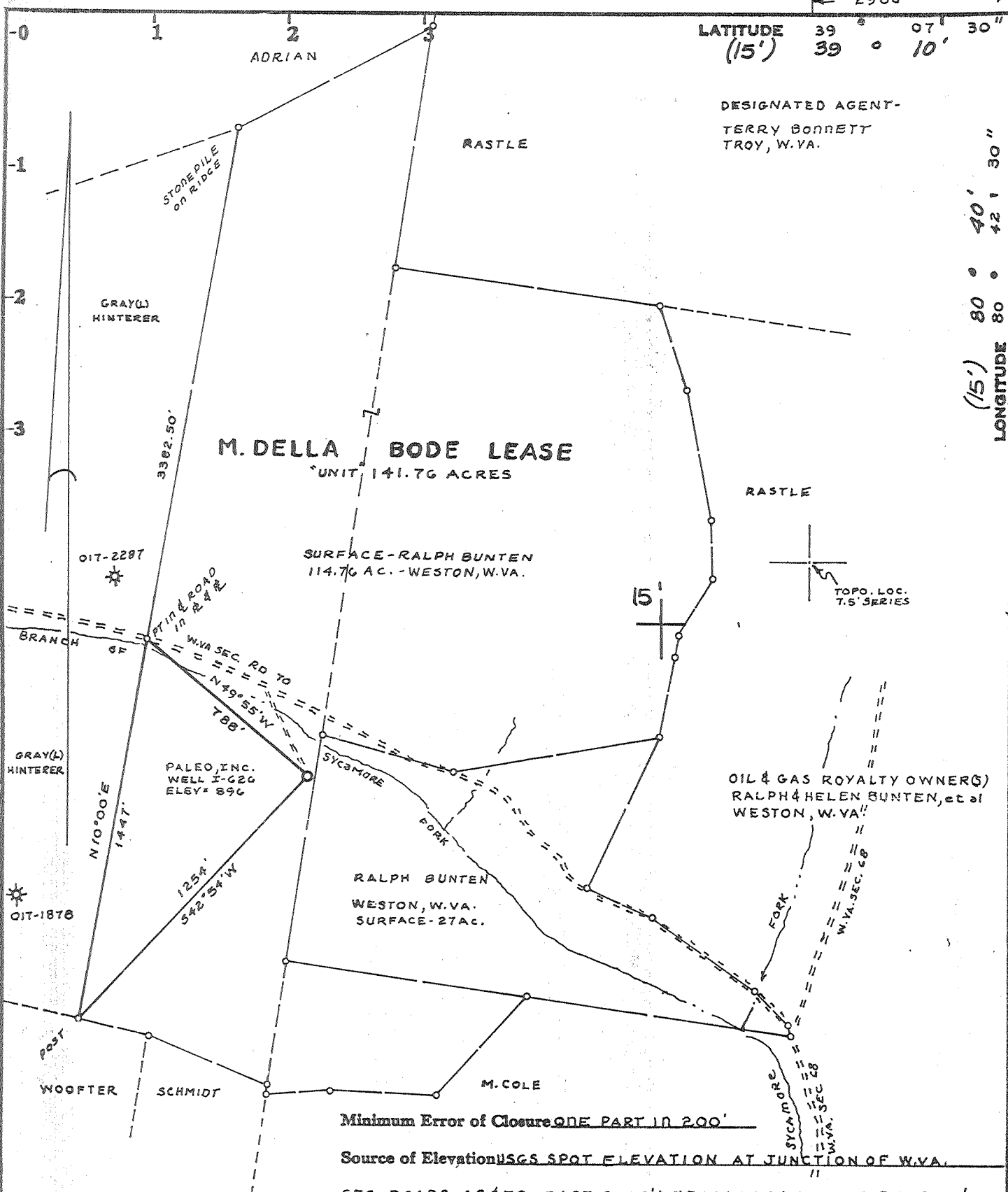
2980'

LATITUDE 39° 07' 30" (15') 39° 10'

LONGITUDE 80° 40' 30" (15') 80° 42' 30"

5.0818

DESIGNATED AGENT - TERRY BONNETT TROY, W.VA.



Minimum Error of Closure ONE PART IN 200'

Source of Elevation USGS SPOT ELEVATION AT JUNCTION OF W.VA.

SEC. ROADS 684 TO EAST 2100' FROM LOCATION-ELEV= 850'

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.....  GAS-DRILL-SHALLOW  
 New Location.....  BIG INSUN-TF EST. DEPTH = 2200'  
 Drill Deeper.....   
 Abandonment.....  - 6/22

Signed: *Mark C. Echard*

Map No. Squares: N S E W

WELL OPERATOR/  
 Company PALEO, INC.  
 Address SUITE 205 MAY EX-BLGD-3022 N.W. EXPRESSWAY OKLAHOMA CITY, OKLAHOMA 73112  
 Farm M DELLA BODE LEASE  
 "UNIT"  
 Tract \_\_\_\_\_ Acres 141.76 Lease No. \_\_\_\_\_  
 Well (Farm) No. I-626 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 896'  
 Quadrangle VADIS 7.5', 15'  
 County DODDRIDGE District COYE  
 Surveyor MARK C. ECHARD  
 Surveyor's Registration No. 490  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date DECEMBER 8, 1979 Scale 1" = 500'

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

WELL LOCATION MAP

FILE NO. 47-017-2550

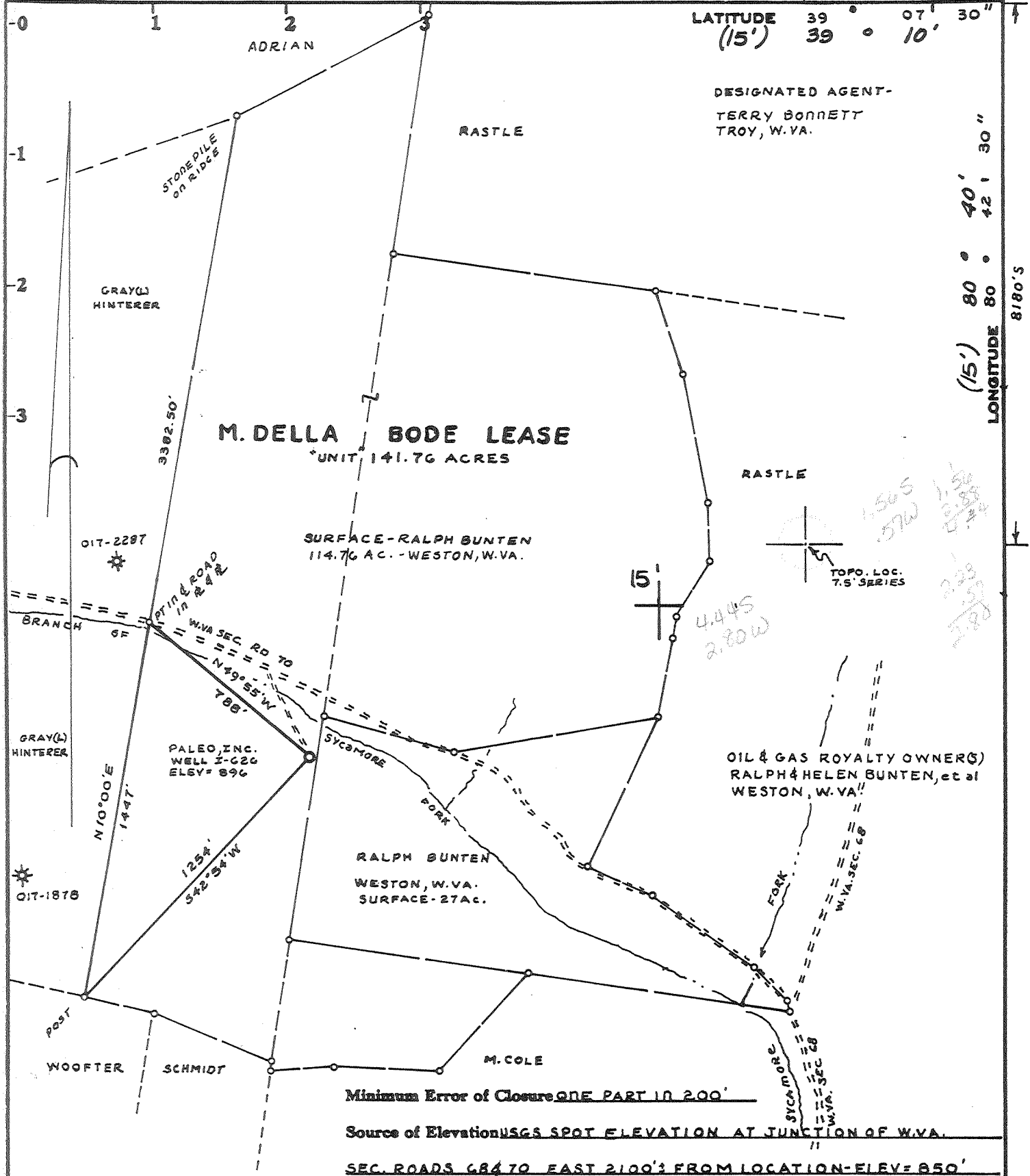
*Plugging Permit Cancelled*

+ Denotes location of well on United States Topographic Maps, scale 1 to 24,000, latitude and longitude lines being represented by border lines as shown.

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

DEC 8 1986

DODD - 2550 P



Minimum Error of Closure ONE PART IN 200'

Source of Elevation USGS SPOT ELEVATION AT JUNCTION OF W.VA.

SEC. ROADS 684 TO EAST 2100' FROM LOCATION-ELEV=850'

Fracture.....  GAS-DRILL-SHALLOW  
 New Location.....  BIG INSUN-TF EST. DEPTH = 2200'  
 Drill Deeper.....   
 Abandonment.....  - 6/22

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

Map No.

WELL OPERATOR/  
 Company PALEO, INC.  
 Address SUITE 205 MAY-EX-BLDG-3022 N.W. EXPRESSWAY OKLAHOMA CITY, OKLAHOMA 73112  
 Farm M. DELLA BODE LEASE  
 "UNIT"  
 Tract \_\_\_\_\_ Acres 141.76 Lease No. \_\_\_\_\_  
 Well (Farm) No. I-626 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 896'  
 Quadrangle VADIS 7.5, 15'  
 County DODDRIDGE District COYE  
 Surveyor MARK C. ECHARD  
 Surveyor's Registration No. 490  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date DECEMBER 8, 1979 Scale 1" = 500'

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

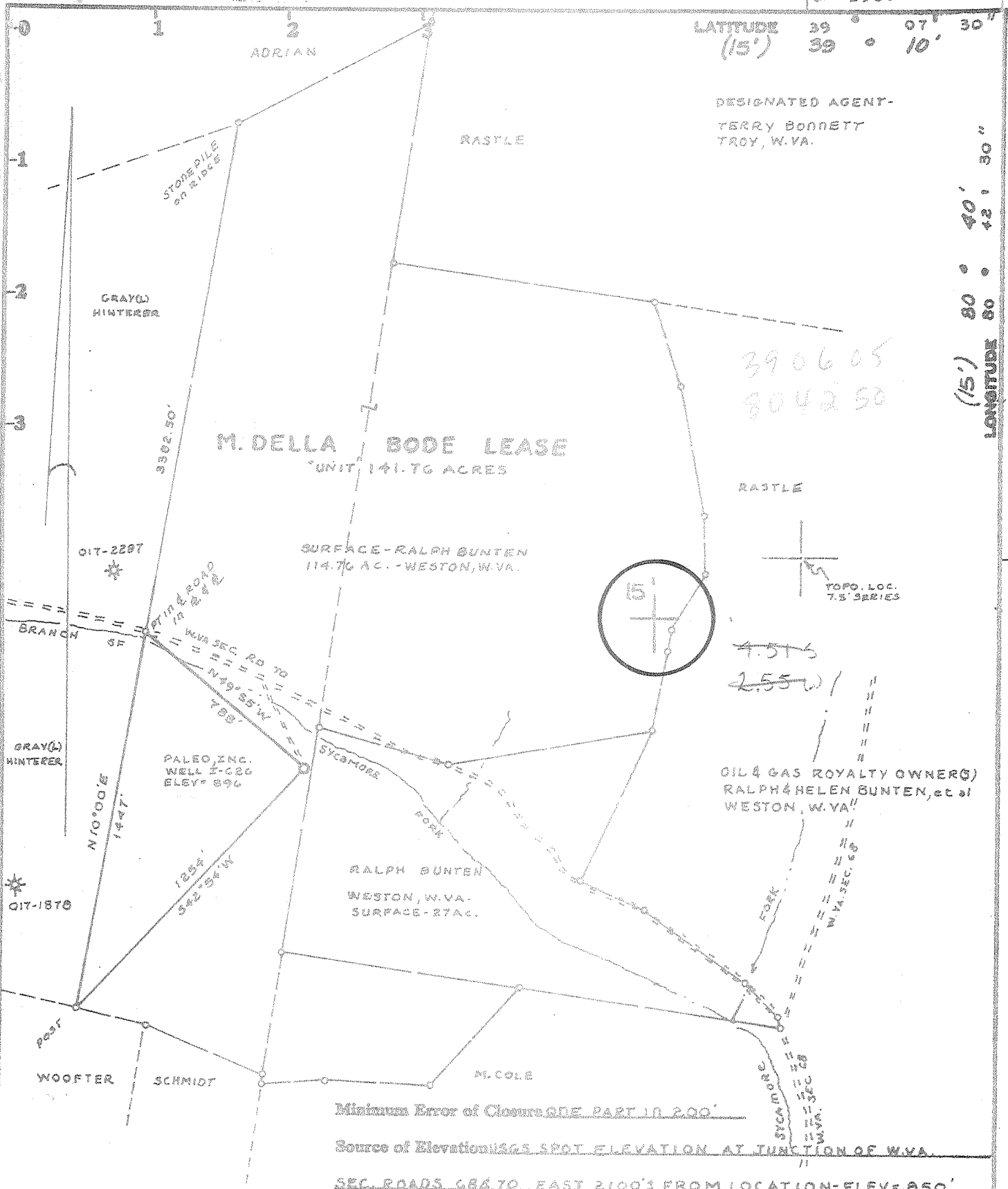
JUN 27 1983

### WELL LOCATION MAP

FILE NO. 47-017-2550-P

+ Denotes location of well on United States Topographic Maps, scale 1 to 24,000 latitude and longitude lines being represented by border lines as shown.

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



LATITUDE 39° 07' 30" (15') 39° 10'

DESIGNATED AGENT - TERRY BONNETT TROY, W.VA.

390605  
804250

LONGITUDE 80° 40' 30" (15') 80° 42' 30"

OIL & GAS ROYALTY OWNER(S) RALPH & HELEN BUNTEN, et al WESTON, W.VA.

Minimum Error of Closure ONE PART IN 200'

Source of Elevation U.S.G.S SPOT ELEVATION AT JUNCTION OF W.VA.

SEC. ROADS GR 70 EAST 2100' FROM LOCATION - ELEV = 850'

- Fracture.....  GAS-DRILL-SHALLOW
- New Location.....  BIG INSUM-TP EST. DEPTH = 2200'
- 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

WELL OPERATOR/  
Company PALEO, INC.  
Address SUITE 205 MAY-EX-BLDG-3022 N.W. EXPRESSWAY OKLAHOMA CITY, OKLAHOMA 73112

Farm M. DELLA BODE LEASE  
"UNIT"  
Tract \_\_\_\_\_ Acres 141.76 Lease No. \_\_\_\_\_

Well (Farm) No. Z-026 Serial No. \_\_\_\_\_

Elevation (Spirit Level) 896 WC

Quadrangle VADIS 7.5, 15

County RODRIDGE District COVE

Surveyor MARK C. ECHARD

Surveyor's Registration No. 490

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

Date DECEMBER 8, 1979 Scale 1" = 500'

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

WELL LOCATION MAP  
FILE NO. 47-017-2550

+ Denotes location of well on United States Topographic Maps, scale 1 to 24,000, latitude and longitude lines being represented by border lines as shown.

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

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

Date February 26, 1980

FORM IV-35  
(Obverse)

Operator's  
Well No. Bole #I-626

[08-78]

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

API Well No. 47 - 017 - 2550  
State County Permit

WELL TYPE: Oil  / Gas  / Liquid Injection  / Waste Disposal  /  
(If "Gas", Production  / Underground storage  / Deep  / Shallow  /)  
LOCATION: Elevation: 896' Watershed: Sycamore Fork  
District: Cove County: Doddridge Quadrangle: Vadis

WELL OPERATOR Paleo, Inc. DESIGNATED AGENT Dan Lowther  
Address 3022 N.W. Expressway Address Linn, WV  
Oklahoma City, OK 73112

PERMITTED WORK: Drill  / Convert  / Drill deeper  / Redrill  / Fracture or stimulate  /  
Plug off old formation  / Perforate new formation  /  
Other physical change in well (specify) \_\_\_\_\_  
MAR - 5 1980

PERMIT ISSUED ON December 14, 1979 OIL & GAS INSPECTOR FOR THIS WORK Paul Garrett  
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED  
Name Paul Garrett  
Address Clarksburg, WV 26301  
622-3871

GEOLOGICAL TARGET FORMATION: Big Injun Depth 1951 feet  
Depth of completed well, 2051 feet Rotary  / Cable Tools   
Water strata depth: Fresh, 55 feet; salt, \_\_\_\_\_ feet.  
Coal seam depths: None Is coal being mined in the area? No  
Work was commenced December 26, 1979, and completed January 24, 1980

LOGGING AND TUBING PROGRAM

LOGGING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling		
Conductor								Minds
Fresh water	10 3/4					286'	286'	To surface
Gal								Sizes
Intermediate								
Production	4 1/2						2020'	Depth set
String								
Packers								Perforations: Top Bottom

OPEN FLOW DATA

Producing formation Big Injun Pay zone depth 1951 feet  
Gas: Initial open flow, \_\_\_\_\_ Mcf/d Oil: Initial open flow, \_\_\_\_\_ Bbl/d  
Final open flow, 248 Mcf/d Final open flow, \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests, 4 hours  
Static rock pressure, 640 psig (surface measurement) after 24 hours shut in  
[If applicable due to multiple completion--]  
Second producing formation Big Injun Pay zone depth 1951 feet  
Gas: Initial open flow, \_\_\_\_\_ Mcf/d Oil: Initial open flow, \_\_\_\_\_ Bbl/d  
Final open flow, 248 Mcf/d Final open flow, \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests, 4 hours  
Static rock pressure, 640 psig (surface measurement) after 24 hours shut in

MAR 18 1980

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

Fractured February 1, 1980

Big Injun - 50,000 lb. 20/40 sand  
708 bbls. water  
injection rate - 21.3 BPM at 2009 lb.  
3100 lb. breakdown

Perforations - 1917 - 1951, 8 holes

WELL LOG

FORMATION	Color	Hard or Soft	4		Remarks Including indication of all fresh and salt water, coal, oil and gas
			Top Feet	Bottom Feet	
Surface			0	12	
Sand			12	20	Water, 55'
Red Rock			20	90	
Slate			90	120	
Red Rock			120	224	
Sand			224	260	
Slate			260	330	
Sand			330	355	
Slate			355	450	
Sand			450	515	
Red Rock			515	560	
Sand			560	570	Slate 1475 1605 gas
Red Rock			570	635	Sand 1605 1645 oil
Slate			635	680	Slate 1645 1655
Sand			680	710	Sand 1655 1703
Slate			710	775	Slate & RR 1703 1800
Red Rock			775	790	Slate 1800 1807
Lime			790	808	Lime 1807 1820
Sand			808	820	Slate 1820 1835
Sandy Shale			820	835	Sand 1835 1863
Lime			835	860	Lime 1863 1915
Slate			860	930	<del>Sand &amp; Lime</del> 1915 2006 oil
Sand			930	975	Slate 2006 2051
Slate			975	1040	TD 2051
Sand			1040	1110	
Slate			1110	1140	
Sand			1140	1156	
Slate			1156	1186	
Sand			1186	1206	
Slate			1206	1265	
Sand			1265	1280	
Slate			1280	1308	
Sand			1308	1330	
Slate			1330	1390	
Sand			1390	1410	
Slate			1410	1430	
Sand			1430	1475	

(Attach separate sheets to complete as necessary)

Paleo, Inc.  
Well Operator

By Mark R. Worl  
Its Agent

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."

COPY

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No.                      Bode # I-626  
API Well No. 47 - 017 - 2550  
State County Permit

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

LOCATION: Elevation: 896' Watershed: Sycamore Fork  
District: Cove County: Doddridge Quadrangle: Vadis

WELL OPERATOR Paleo, Inc.  
Address 3022 N.W. Expressway  
Oklahoma City, OK 73112

DESIGNATED AGENT Terry Bonnett  
Address Troy, WV

OIL & GAS ROYALTY OWNER Ralph Bunten, et al  
Address Weston, WV 26452

COAL OPERATOR None  
Address                                     

Acreage 141.76

COAL OWNER(S) WITH DECLARATION ON RECORD:

SURFACE OWNER Ralph Bunten  
Address Weston, WV

Name None  
Address                                     

Acreage 141.76

Name None  
Address                                     

FIELD SALE (IF MADE) TO:  
Name N/A  
Address                                     

COAL LESSEE WITH DECLARATION ON RECORD:  
Name None  
Address                                     

OIL & GAS INSPECTOR TO BE NOTIFIED  
Name Paul Garrett  
Address Clarksburg, WV 26301  
622-3871

DEC 14 1979

OIL & GAS DIVISION  
DEPT. OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed        / lease X / other contract        / dated October 30, 1979, to the undersigned well operator from Helen B. Bunten and others

If said deed, lease, or other contract has been recorded: ]  
Recorded on                     , 19      , in the office of the Clerk of the County Commission of Doddridge county, West Virginia, in Lease Book 112 at page 620. A permit is requested as follows:

PROPOSED WORK: Drill X / 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.

DEPARTMENT OF MINES, OIL AND GAS DIVISION  
STATE OF WEST VIRGINIA  
CHARLESTON, WV 25311

BLANKET BOND

Paleo, Inc.  
Well Operator  
By David L. Summers

Y903

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) Robinson Drilling  
Address Tanner, WV

GEOLOGICAL TARGET FORMATION, Big Injun

Estimated depth of completed well, 2200 feet Rotary  / Cable tools  /  
Approximate water strata depths: Fresh, 60 feet; salt,          feet.  
Approximate coal seam depths: None 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	Left in well		
Conductor									Kinds
Fresh water	10 3/4					300	300	To surface	
Coal									Sizes
Intermediate									
Production	4 1/2						2200	To surface	Depths set
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.

All provisions being in compliance with Chapter 22 of the W. Va. Code; this location is hereby approved for drilling. This permit shall expire if operations have not commenced by 8-17-80

*[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



WR-38  
DATE:

API # 47-017-2550-P

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

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Division, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm name: Ralph Bunten Jr. Operator Well No.: Bode 1-626

LOCATION: Elevation: 896' Quadrangle: Vadis  
District: Cove County: Dodridge  
Latitude: \_\_\_\_\_ Feet South of \_\_\_\_\_ Deg. \_\_\_\_\_ Min. \_\_\_\_\_ Sec.  
Longitude: \_\_\_\_\_ Feet West of \_\_\_\_\_ Deg. \_\_\_\_\_ Min. \_\_\_\_\_ Sec.

Well Type: OIL \_\_\_\_\_ GAS X

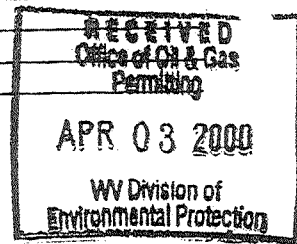
Company: Daniel R. Farley  
P.O. Box 6871  
Charleston, WV. 25362

Coal Operator or Owner \_\_\_\_\_

Agent: Steve Duckworth

Coal Operator or Owner \_\_\_\_\_

Permit Issued Date: 2/7/00



AFFIDAVIT

STATE OF WEST VIRGINIA,  
County of \_\_\_\_\_ ss:

Rick Duckworth and Todd Duckworth being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by the above named well operator, and participated in the work of plugging and filling the above well, and Tim Bennett Oil and Gas Inspector representing the Director, say that said work was commenced on the 9 day of March, ~~2000~~ and that the well was plugged and filled in the following manner:

TYPE	FROM	TO	PIPE REMOVED	LEFT
Cement	1950'	1850'	800' of 4 1/2"	1220' of 4 1/2"
Cement	820'	720'		286' of 10 3/4"
Cement	340'	240'		
Cement	50'	0'		
Gel between all plugs				

Description of monument: 7" casing with API numbers. and that the work of plugging and filling said well was completed on the 15 day of March, ~~2000~~.

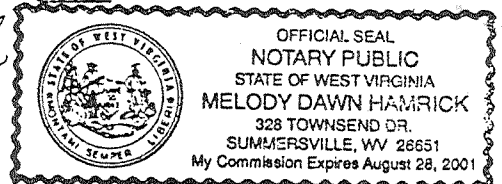
And further deponents saith not.

Rick Duckworth  
Todd Duckworth

Sworn and subscribe before me this 1 day of April, ~~2000~~

My commission expires: Aug 28, 2001  
Melody Dawn Hamrick  
Notary Public

Tim Bennett



APR 07 2000

Dodd 2550-P