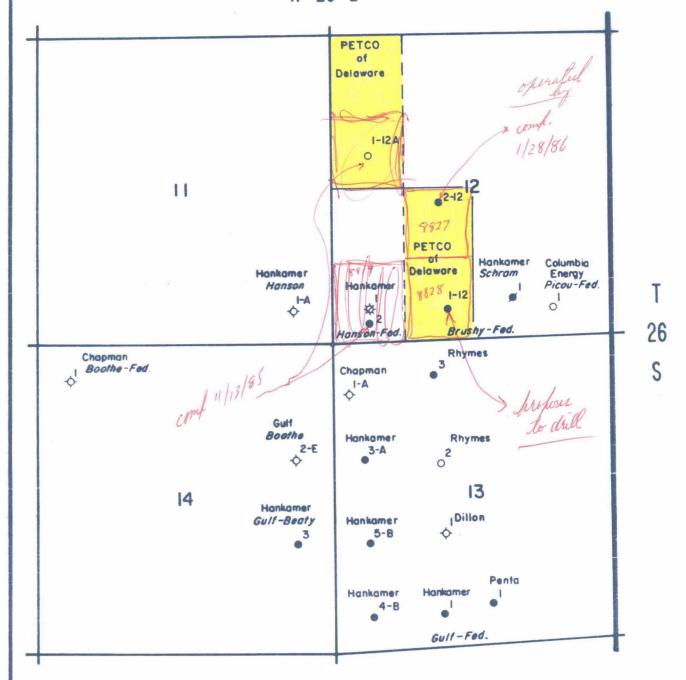
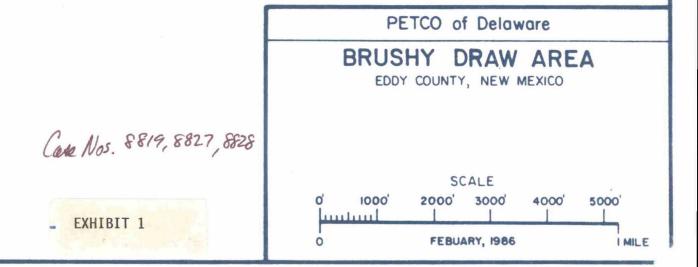
Eylibits 1 through 5 Complete set





3811 Turtle Creek Blvd. Dallas, Texas 75219-4419

ESTIMATE OF COSTS

Care Nos. 889, 8827 18828

EXHIBIT 2

AUTHORIZATION FOR EXPENDITURE

Page I of 2

Date: 8/26/85

AFE No.: NM-566

Authority is requested to

Drill and Equip: Prospect Name: Brushy Federal 12 No. 1

Brushy Draw

Location:

660' FSL & 1980' FWL of Section 12, T-26-S, R-29-W

Eddy County, New Mexico

County and State: Estimated Total Depth:

5,500

SUMMARY OF ESTIMATED C	OST:	Tabal Carl	
		Total Cost (100%)	
Completed Well Costs (Turnkey) Intangible Drilling Cost Tangible Drilling Cost Intangible Completion Cost Lease Equipment and Installation Total Completed Cost		\$153,400 56,900 65,300 <u>88,000</u> \$363,600	
Dry Hole Costs		3333,000	
Intangible Drilling Cost Tangible Drilling Cost		\$141,900 <u>4,600</u>	
Total Dry Hole Cost		\$146,500	
Geological-Land-Legal			
INTERNAL APPROVAL:			
Prepared By:	Date:	Approved By:	Date:
Howard W. Shaw	8/26/85	Howard W. Shaw	August 26, 1985

NONOPERATOR APPROVAL:

By execution hereof, the undersigned recognizes and acknowledges that the above cost figures are estimates only, and that the undersigned is responsible for its or his share of the actual costs incurred even if such actual costs exceed said estimates.

Interest Owner	Working Interest (%)	Net Amount (\$)	Approved	Date
The Petroleum Corporation MoKeen Partnership, Ltd.	53.125 46.875	\$193,162.50 170,437.50		
TOTAL	100.000000%	\$363,600,00		

3811 Turtle Creek Blvd. Dallas, Texas 75219-4419

Page 2 of 2

Detail Estimate of Costs

Well Name:

Brushy Federal 12 No. 1 Brushy Draw 5,500'

Prospect Name:

Estimated Total Depth:

AFE No.: NM-566

Date: August 26, 1985

Estimated rotal Depth: 3,300			ALE 140: 14/41-200			
Item and Description	Quantity	Unit Price	Completed Well Cost	Dry Hole Cost		
INTANGIBLE DRILLING COSTS:						
Drilling Cost - Rotary Turnkey Day Work - Rotary Labor - Company and Contract Transportation and Inspection Bridges, Roads, Locations, Etc. Rental Equipment	days		\$ 125,000 - 1,000 10,000 1,500	\$ 125,000 - 1,000 7,000		
Fuel, Water and Power Bits and Coreheads – Mud Loggers Drilling Fluids Surveys and Logging Cement and Cementing Services			- - - -	- - - -		
Testing (Drill Stem) Well Control Insurance Core Analysis Geological and Engineering District and Overhead Expense Miscellaneous and Unforeseen			- - 4,400 4,500 7,000	- - 4,400 4,500		
Total Intangible Drilling Costs			\$ 153,400	\$ 141,900		
TANGIBLE DRILLING COSTS:						
Casing - 8 5/8" Casing - 5½" Casing -	500 feet 5,500 feet feet	\$ 8.00 5.50	\$ 4,000 30,300 -	\$ 4,000 - -		
Tubing – 2 7/8" EUE Subsurface Equipment Well Head Equipment Miscellaneous	5,500 feet	3.00	16,500 3,000 3,100	- 600 -		
Total Tangible Drilling Costs			\$ 56,900	\$ 4,600		
INTANGIBLE COMPLETION COSTS:						
Day Work Contract Labor Engineering Services Perforating and Bond Log	5 days	\$ 1,500	\$ 7,500 2,000 2,800 3,000	\$ - - - -		
Stimulation Treatment Cement and Cementing Contract Services Transportation			42,000 5,500 - 2,500	- - -		
Total Intangible Completion Costs			\$ 65,300	***		
TANGIBLE INSTALLATION AND LEASE EQUIP	MENT COSTS:					
Tanks, Separators, Etc. Heater Treater, Flow Line Heater, LTX, Etc Lease Lines Other Major Expense Pumping Equip. & Rods Miscellaneous Connections & Contingency Installation			\$ 10,000 6,000 4,000 45,000 17,000 6,000	- - - -		
Total Tangible Installation Cost			\$ 88,000	-		
TOTAL AFE COST			363,600	\$ 146,500		

3811 Turtle Creek Blvd. Dallas, Texas 75219-4419

ESTIMATE OF COSTS

AUTHORIZATION FOR EXPENDITURE

Page I of 2

Date: November 27, 1985

AFE No.: NM-568

Authority is requested to

Drill and Equip: Prospect Name:

Location:

County and State:

Estimated Total Depth:

Brushy 12 Federal No. 2

Brushy Draw

1,892' FWL and 2,015' FSL of Section 12, T-26-S, R-29-E

Eddy County, New Mexico

5,500'

SUMMARY OF ESTIMATED	COST:	Total Cost (100%)
Completed Well Costs Intangible Drilling Cost Tangible Drilling Cost Intangible Completion Cost Lease Equipment and Installation		\$193,400 59,775 59,400 76,000
Total Completed Cost		<u>\$388,575</u>
Dry Hole Costs Intangible Drilling Cos Tangible Drilling Cost Total Dry Hole C		\$177,900 7,475 <u>\$185,375</u>
Geological-Land-Legal		-
INTERNAL APPROVAL:		
Prepared By:	Date:	Approved By: Date:
Howard W. Shaw	11/27/85	Howard W. Shaw November 27, 1985

NONOPERATOR APPROVAL:

By execution hereof, the undersigned recognizes and acknowledges that the above cost figures are estimates only, and that the undersigned is responsible for its or his share of the actual costs incurred even if such actual costs exceed said estimates.

Interest Owner	Working Interest (%)	Net Amount (\$)	Approved	Date
The Petroleum Corporation	53.125	\$206,430.47		
MoKeen Limited Partnership	46.875	182,144.53		
TOTAL	100.000%	\$388,575. 00		

3811 Turtle Creek Blvd. Dallas, Texas 75219-4419

Page 2 of 2

Detail Estimate of Costs

Brushy 12 Federal No. 2 Brushy Draw 5,500'

Well Name: Prospect Name: Estimated Total Depth:

AFE No.: NM-568

Date: November 27, 1985

Item and Description	Quantity	Unit Price	Completed Well Cost	Dry Hole Cost
INTANGIBLE DRILLING COSTS:				
Drilling Cost - Rotary Turnkey Day Work - Rotary Labor - Company and Contract Transportation and Inspection Bridges, Roads, Locations, Etc.	days		\$ 150,000 - 1,000 15,000	\$ 150,000 - - 1,000 12,000
Rental Equipment			2,500	, -
Fuel, Water and Power Bits and Coreheads - Mud Loggers Drilling Fluids Surveys and Logging Cement and Cementing Services			1,000	- - - -
Testing (Drill Stem) Well Control Insurance Core Analysis Geological and Engineering District and Overhead Expense Miscellaneous and Unforeseen			3,000 2,400 5,000 4,500 9,000	3,000 2,400 5,000 4,500
Total Intangible Drilling Costs			\$ 193,400	\$ 177,900
TANGIBLE DRILLING COSTS:				
Casing - 8 5/8" 24# J-55 STC Casing - 5½" 15.5# K-55	750 feet 5,500 feet	\$ 8.50 5.50	\$ 6,375 30,300	\$ 6,375
Tubing Subsurface Equipment Well Head Equipment Miscellaneous	5,500 feet	3.00	16,500 3,500 3,100	500 600
Total Tangible Drilling Costs			\$ 59,775	\$ 7,475
INTANGIBLE COMPLETION COSTS:				
Day Work Contract Labor Engineering Services Perforating and Bond Log	7 days	\$ 1,500	\$ 10,500 2,000 3,400 3,000	\$ - - - -
Stimulation Treatment Cement and Cementing Contract Services Transportation			22,000 16,000 - 2,500	- - -
Total Intangible Completion Costs			\$ 59,400	
TANGIBLE INSTALLATION AND LEASE EQUIP	MENT COSTS:			
Tanks, Separators, Etc. Heater Treater, Flow Line Heater, LTX, Etc. Lease Lines Other Major Expense Pumping Equip. & Rods Miscellaneous Connections & Contingency Installation			\$ 6,000 4,000 45,000 17,000 4,000	- - - -
Total Tangible Installation Cost			\$ 76,000	\$ -
TOTAL AFE COST			\$ 388,575	\$ 185,375

3811 Turtle Creek Blvd. Dallas, Texas 75219-4419

ESTIMATE OF COSTS

ase Nos. 8819, 882748828

AUTHORIZATION FOR EXPENDITURE

Page 1 of 2

Date: February 14, 1986

AFE No.: NM-570

Authority is requested to

Drill and Complete:

Prospect Name:

Location:

County and State:

Estimated Total Depth:

Brushy 12-A Federal No. 1

Brushy Draw

630' FWL and 2,021' FNL of Section 12, T-26-S, R-29-E

Eddy County, New Mexico

5,500

SUMMARY OF ESTIMATED	COST:	T. 10 .	
		Total Cost (100%)	
Completed Well Costs Intangible Drilling Cost Tangible Drilling Cost Intangible Completion Cost Lease Equipment and Installation Total Completed Cost		\$140,000 51,700 61,500 <u>68,500</u> \$321,700	
Dry Hole Costs Intangible Drilling Cost Tangible Drilling Cost Total Dry Hole Cost		\$132,500 8,000 \$140,500	
Geological-Land-Legal		-	
INTERNAL APPROVAL:			
Prepared By:	Date:	Approved By:	Date:
Howard W. Shaw	2/13/86	Howard W. Shaw	February 14, 1986

NONOPERATOR APPROVAL:

By execution hereof, the undersigned recognizes and acknowledges that the above cost figures are estimates only, and that the undersigned is responsible for its or his share of the actual costs incurred even if such actual costs exceed said estimates.

Interest Owner	Working Interest (%)	Net (DHC) Amount (\$)	Compl. & Equip. (\$)	Approved	Date
The Petroleum Corp.	53.125	\$ 74,640.63	\$170,903.13		
MoKeen Limited Part	42.000	59,010.00	135,114.00		
John F. Green, Jr.	4.875	6,849.37	15,682.87		-
			_		

TOTAL

100.000% \$140,500.00 \$321,700.00

3811 Turtle Creek Blvd. Dallas, Texas 75219-4419

Page 2 of 2

Detail Estimate of Costs

AUTHORIZATION FOR EXPENDITURE

Well Name:

Brushy 12-A Federal No. 1

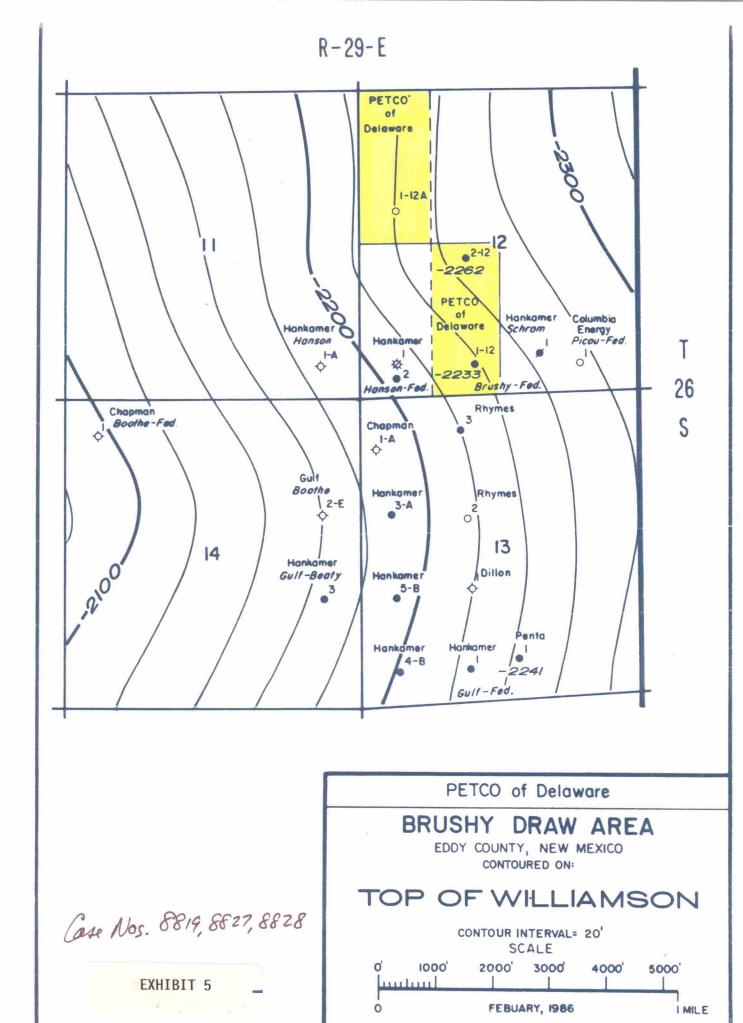
Date: 2/14/86

Prospect Name: Estimated Total Depth:

Brushy Draw 5,500'

AFE No.: NM-570

Estimated Total Depth: 3,300		A1 E 1401. 14/41-370				
Item and Description	Quantity	Unit Price	Completed Well Cost	Dry Hole Cost		
INTANGIBLE DRILLING COSTS:						
Drilling Cost - Rotary Turnkey Day Work - Rotary Labor - Company and Contract Transportation and Inspection Bridges, Roads, Locations, Etc. Rental Equipment	l day	\$ 4,000	\$ 109,000 4,000 - 6,000 3,000	\$ 109,000 - - 6,000		
Fuel, Water and Power Bits and Coreheads Drilling Fluids Surveys and Logging Cement and Cementing Services			1,000 1,000 -	2,000		
Testing (Drill Stem) Well Control Insurance Core Analysis Geological and Engineering District and Overhead Expense Miscellaneous and Unforeseen			3,000 2,000 4,500 6,500	3,000 2,000 4,500 6,000		
Total Intangible Drilling Costs			\$ 140,000	\$ 132,500		
TANGIBLE DRILLING COSTS:						
Casing - 8 5/8" 24# J-55 STC Casing - 5½" 15.5# J-55 STC	720 feet 5,500 feet	\$ 8.00 4.75	\$ 5,800 26,200	\$ 5,800		
Tubing – 2–7/8" EUE 6.5# N–80 Used Subsurface Equipment Well Head Equipment Miscellaneous	5,500 feet	2.00	11,000 3,500 2,700 2,500	- 500 1,200 500		
Total Tangible Drilling Costs			\$ 51,700	\$ 8,000		
INTANGIBLE COMPLETION COSTS:						
Day Work Contract Labor Engineering Services Perforating and Bond Log	7 days	\$ 1,500	\$ 10,500 4,000 4,000 3,000	\$ - - -		
Stimulation Treatment Cement and Cementing Contract Services Transportation			22,000 16,000 - 2,000	- - -		
Total Intangible Completion Costs			\$ 61,500			
TANGIBLE INSTALLATION AND LEASE EQUIP	MENT COSTS:					
Tanks, Separators, Etc. Heater Treater, Flow Line Heater, LTX, Etc Lease Lines Other Major Expense Pumping Equip. & Rods Miscellaneous Connections & Contingency Installation			\$ 5,000 3,000 4,000 45,000 7,500 4,000	- - - -		
Total Tangible Installation Cost			\$ 68,500	\$ -		
TOTAL AFE COST			\$ 321,700	140,500		



THE PETROLEUM CORPORATION

OF DELAWARE

Turtle Creek Centre 3811 Turtle Creek Boulevard **DALLAS, TEXAS 75219-4419**

September 3, 1985

Nu-Energy O&G Inc. 1217 E. 4th St. North Vancouver, BC V7JIG8

Attn: Cocil S. Walker Fred Davidson

RE: Brushy Draw Prospect

Designation of Operator

LC-071066

Eddy County, New Mexico

Gentlemen:

Pursuant to our telephone conversation, enclosed for your review and approval, please find five (5) copies of Designation of Operator in favor of The Petroleum Corporation of Delaware covering the SW/4 of Section 12, T 26 S, R 29 E.

In order to expedite our drilling plans, we ask that you forward three (3) executed copies to the Bureau of Land Management, P.O. Box 1778, Carlsbad, New Mexico 88220, Attention: Mr. Bob Pitske, retain one (1) copy for your files and return one (1) copy to this office.

Thank you for your cooperation regarding this matter, and should you require anything further, please let us know.

Very truly yours,

Fred L. Ward / Lym

Fred L. Ward

Vice President

FLW/iw

Enclosures

Cose Nos 889,8827,828

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: New Mexico

SERIAL No.: LC-071066

and hereby designates

NAME: The Petroleum Corporation of Delaware

ADDRESS: 3811 Turtle Creek Blvd., Suite 350

Dallas, Texas 75219

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 26 South, Range 29 East Section 12: SW/4 containing 160.00 acres, more or less Eddy County, New Mexico

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

Nu-Energy O&G Inc.

BY:

15 grature of leaves

September

.1

, 1985

1217 E. 4th St. North Vancouver, BC V7JIG8

Turtle Creek Centre 3811 Turtle Creek Boulevard DALLAS, TEXAS 75219-4419

FRED L. WARD VICE PRESIDENT - LAND

November 26, 1985

SEE LIST OF ADDRESSEES

RE:

Brushy Draw Prospect Designation of Operator NM - 50915 and 11039 Eddy County, New Mexico

Gentlemen:

In order to proceed with our drilling plans in an expeditious manner, we enclose for your review and approval, four (4) copies each of Designation of Operator in favor of The Petroleum Corporation of Delaware relevant to the two subject leases.

We ask that you return three (3) originals for further handling with the Bùreau of Land Management.

Should you have any questions, please feel free to contact us at 214-528-5461.

Yours very truly,

Vice President

FLW/jw Enclosures cc: w/attachments

Total Eastcan Exploration, Ltd. 112 4th Avenue, S.W., Suite 800 Calgary, Alberta, Canada T2P 0H3

Attn: Mr. Sandy Dewar

Exhand 7 Case Dos. 8819, 8827,

DESIGNATION OF OPERATOR

The undersigned is.	on the records of	the Bureau of Land	Management	, holder of lease

DISTRICT LAND OFFICE: New Mexico

Serial No.: NM - 50915

and hereby designates

NAME:

THE PETROLEUM CORPORATION OF DELAWARE

ADDRESS:

3811 Turtle Creek Blvd., Suite 350

Dallas, Texas 75219

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 26 South, Range 29 East, N.M.P.M.

Section 12: SW/4 NE/4, W/2 SE/4 containing 120 acres, more or less Eddy County, New Mexico

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

Nu-Energy oil & Gas, Inc.

		By:			
December , 1985		(Signature of levere)			
	y ·	1217 East 4th Street			
(1)	= i ≈ ie)	North Vancouver, BC V7JIG8			

DESIGNATION OF OPERATOR

The unc	lersigned i	is, on	the records	of th	e Burezu of	Land	Management,	holder o	f leas	c
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DISTRICT LAND OFFICE:
SERIAL NO.:

New Mexico NM - 11039

and hereby designates

NAME: Address: THE PETROLEUM CORPORATION OF DELAWARE 3811 Turtle Creek Blvd., Suite 350

Dallas, Texas 75219

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 26 South, Range 29 East, N.M.P.M.

Section 11: E/2 NW/4, N/2 NE/4, SE/4 NE/4

Section 12: NW/4

Containing 360.00 acres, more or less

Eddy County, New Mexico

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

	Nu-Energy Oil & Gas, Inc.				
	By:				
	(Signature of lease)				
December , 1985	1217 East 4th Street				
(fonte)	North Vancouver, BC V7JIG8				

THE PETROLEUM CORPORATION

OF DELAWARE

Turtle Creek Centre 3811 Turtle Creek Boulevard Received on
12-13-85 by
12-13-med by
telephone fff.85
12-13-85 **DALLAS, TEXAS 75219-4419**

FRED L. WARD VICE PRESIDENT - LAND

December 12, 1985

Nu-Energy Oil & Gas, Inc. 1217 East 4th Street North Vancouver, BC V7J 1G8

Attn:

Mr. Fred Davidson

RF:

Brushy Draw Prospect Brushy 12 Federal No. 1 Eddy County, New Mexico

Gentlemen:

On September 3, 1985, prior to the drilling of the Brushy 12 Federal No. 1, situated in the SE/4 SW/4 of Section 12, T 26 S, R 29 E, this office contacted you in an attempt to negotiate a farmin of Nu-Energy's 2.5% working interest in the subject land. Further, on the same date, we forwarded to you Designation of Operator in favor of The Petroleum Corporation of Delaware covering the SW/4 of Section 12, T 26 S, R 29 E (BLM lease LC - 071066). As of this date we have not received the executed Designation of Operator nor, have we received any correspondence or communications regarding the possible farmin of Nu-Energy's 2.5% working interest.

The Petroleum Corporation of Delaware, as operator, spudded the Brushy 12 Federal No. 1 on October 5, 1985 and completed same on November 2, 1985. As a result, we are preparing location for the drilling of the Brushy 12 Federal No. 2 well which will be located in the NE/4 SW/4 of Section 12, T 26 S, R 29 E. Again, we enclose, in quadruplicate, Designation of Operator in favor of The Petroleum Corporation of Delaware covering BLM lease LC - 071066). We ask that you execute and return three (3) originals for further handling with the BLM.

Inasmuch as Nu-Energy owns record title to 2.5% working interest in BLM lease LC – 071066, as well as NM – 11039, NM – 50914 and NM – 50915, The Petroleum Corporation of Delaware respectfully requests that Nu-Energy elect one of the following two options:

- 1. Farmout your interest under the same terms and conditions as did Southwest Gas Systems, Inc., et al as evidenced by the enclosed Farmout Agreement dated June 7, 1985, as amended.
- 2. Join in the execution of that certain Operating Agreement dated September 5, 1985 in which Nu-Energy would be afforded the

Echilot 8 Core Nos. 8819,8827,8828

opportunity to participate in the drilling of each well as to its proportionate 2.5% working interest or elect to be a non-consenting party as provided for therein (copy attached for your immediate reference).

If we do not receive a response from your office, either written or verbal, within ten (10) days from the receipt hereof, our only alternative, as required by New Mexico law, will be to instigate force pooling proceedings.

Should you have any questions, please feel free to contact the undersigned at 214-528-5461.

Yours very truly

Fred L. Ward Vice President

FLW/jw Enclosure

bcc: Jeffrey Hewett

Howard Shaw Marion Spitler

DESIGNATION OF OPERATOR

The und	lersigned	is,	on th	ic records	of '	the	Bureau of	Land	N	lanagement,	holder	of	icas	C
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DISTRICT LAND OFFICE: SERIAL NO.:	New Mexico
JERNE 110	LC - 071066
and hereby designates	
Name: Address:	The Petroleum Corporation of Delaware 3811 Turtle Creek Blvd., Suite #350 Dallas, Texas 75219
and regulations applicable therete	rith full authority to act in his behalf in complying with the terms of the lease of and on whom the supervisor or his representative may serve written or oral ce with the Operating Regulations with respect to (describe acreage to which
Section containi	26 South, Range 29 East 12: E/2 SW/4 ng 80.00 acres, more or less nty, New Mexico
with the terms of the lease and	gnation of operator does not relieve the lessee of responsibility for compliance the Operating Regulations. It is also understood that this designation of
In case of default on the par	signment of any interest in the lease. t of the designated operator, the lessee will make full and prompt compliance or orders of the Secretary of the Interior or his representative.
The lessee agrees promptly to	o notify the supervisor of any change in the designated operator.
	Nu-Energy Oil & Gas, Inc.
	By: (Signature of Insure)
December , 198	1217 East 4th Street North Vancouver, 20047J 168
	a a contracter mediet meet 14-23204-\$