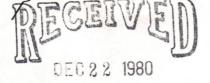
FORM IV-2 (Obverse) [08-78]



Date: 22 Dec., 19 80

Operator's
Well No. FMF. Anderson #/

API Well No. 47 - 083 - 394

State County Fermit

# OIL & GAS DIVISION DEPT THE OF WEST VIRGINIA DEPT THE OF WEST VIRGINIA OF THE OF WEST VIRGINI

## OIL AND GAS WELL PERMIT APPLICATION

	- Antestalia
WELL TYPE: O11/ Gas _xx/	
(If "Gas", Production * */ Underground	nd storage / Deep / Shallow xx/)
	Little Laurel Run
District: Roaring Creek County: - L	Pandolph Quadrangle: Ellamore
WELL OPERATOR FINE Oil and Gas Properties, I	Enc. DESIGNATED AGENT Paul Bowles
Address Suite 305, 7030 50. yale	Address Pa Box 1386
Tulsa, Oklahoma 74136	
ANTENNA TO THE PERSON OF THE P	reserve of state arrest of the advertice of
ROYALTY OWNER Donald and Patsy Anderson	COAL OPERATOR -
. Leslie Anderson, Douglas Stansberry Address 1040 Rancho	Address
Colton, California 9232	4
Acreage 70	COAL OWNER(S) WITH DECLARATION ON RECORD:
SURPACE OWNER Geneva Wane	Name Donald and Pater Anderson
Address Bellington, W. Va.	Leslie Anderson and Douglas Stansber Address 1040 Rancho
	Colton, California 9232
Acreage 70	Name
FIELD SALE (IF MADE) TO:	· Address
Name	· · · · · · · · · · · · · · · · · · ·
Address	COAL LESSEE WITH DECLARATION ON RECORD:
10,00	Name
OIL & GAS INSPECTOR TO BE NOTIFIED	Address
Name Lobert Stewart	The state of the s
Address P.O. Box 345	
Jane Lew, W. Va. 26378	
	to operate for oil or gas purposes at the above
location under a deed / lease ***/ other con	
undersigned well operator from Donald Anderso	
[If said deed, lease, or other contract has been reco	
	of the Clerk of the County Commission of Landolph
County, West Virginia, in Deed Book 334	
PROPOSED WORK: Drill deeper/ F	
Plug off old formation / F	
Other physical change in well (s	
physical change in terr (	
planned as shown on the work of	order on the reverse side hereof.
	), and coal lessee are hereby notified that any
objection they wish to make or are required to make b	
of Mines within fifteen (15) days after the receipt o	
The state of the s	nclosed plat and reclamation plan have been mailed
by registered mail or delivered by hand to the above	
on or before the day of the mailing or delivery of th	is Permit Application to the Department of Mines at
Charleston, West Virginia.	and the second of the second o
PLEASE SUBNIT COPIES OF ALL	ener election of a religious participation of
	From Hydrocarbon Energies Inc.)
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION 1615 WASHINGTON STREET EAST CHARLESTON WY 2523	FMF Dil and Gas Properties Inc.
CHARLESTON, WV 25311 TELEPHONE: (304) 348-3092	
1001ONE: (3047 340-3092	By alvin Sorean
RIANUTT DOUD	Its asent

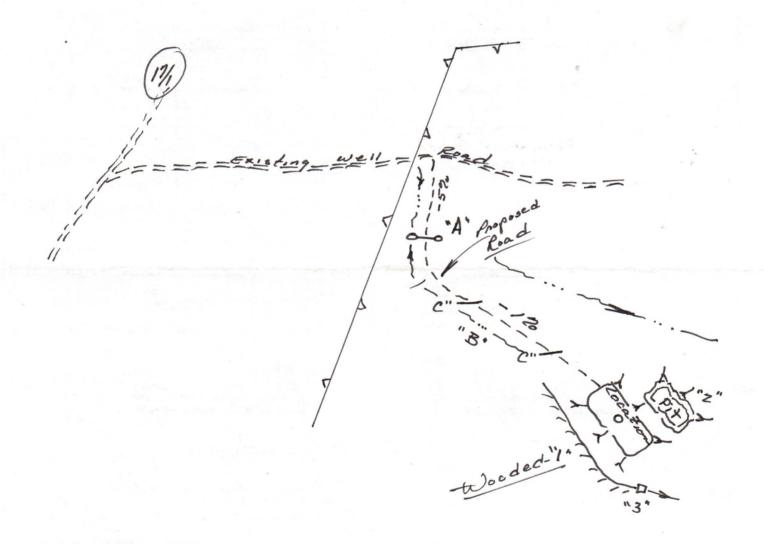
#### PROPOSED WORK ORDER

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

						Unknow			
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								7.47.	
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					1000	_	w to serve	Rotary XX/	Cable tools/
and the same of th					1 7 - 1	esh, & f		The state of the s	
Approxi	mate co	oal se	am dept	hs:	21 11 1	S Is	coal being mi	ned in the area	? Yes / No ××.
CASING AND T	UBING I	PROGRA	M				Nac.		
CASING OR			IFICATI	ONS		FOOTAGE	INTERVALS	CEMENT FILL-UP	PACKERS
TUBING TYPE	5170	1	Weight	1	Used		1	OR SACKS . (Cubic feet)	1
Conductor	11			x	1	20'	20'		Kinds
Conductor	1134								
Fresh water									Sizes
Coal				Х		900'	900'	To Surface	31268
Intermediate			20#	X		5400		540 .	
Production	42"		102#	×	79.10	5400	5400'	or as real.	Depths set
Tubing								by rule 15.0	
Liners						2.		0	Perforations:
en lineage of the second			:						Top Bottom
		*	:						
1 839	779	180		1-20 -	1				
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Diversion
Spring O
Wet Spot
Building
Drain Pipe
Waterway

Sketch to include well location, existing access road, roads to be constructed, wellsite, drilling pits and necessary structures numbered or lettered to correspond with first part of this plan. Include all natural drainage.



1. All marketable timber to be cut and stacked.

2. All Brush shall be Disposed of.

3. Cut area to be at 2: 1 sples unless in Bock.

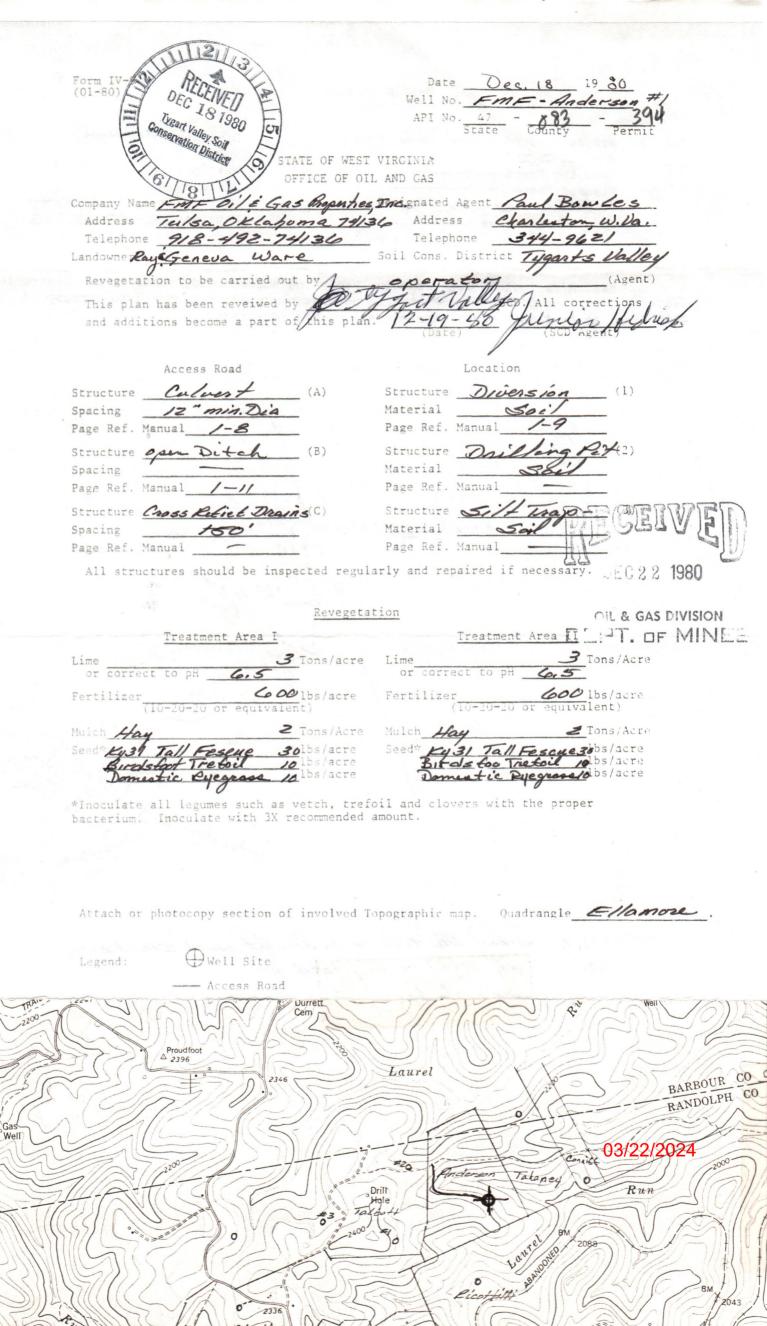
4. Drainage will be maintained after Reclamation

Comments:

5. Pit subject to change.

Signature: Agent Social Rty 130x444 Buckhannen 472-0007
Address Phone Number 03/22/2024

Please request landowners cooperation to protect new seeding for one growing season.



December 19, 1980

Mr. Rex Ostrander | FMF CORQ

Box 676

Buckhannon W. Verginia 26201

The undersigned, Donald B. Anderson representing

The undersigned, Donald B. Anderson representing agent, of coal owners has examined oil and gas lease and finds no objection to work to be done at this location.

Donald B. Anderson

waiver

RECEIVED

DEPT. OF MINES

Formation Color Hard	or Soft	Top Feet	Bottom Feet	Oil, Gas or Water Remarks
Shale Gr. So	oft	1026	1095	
LS + S Br. Se	oft	1095	1230	Swell Same of the
	ard	1230	1415	the a hag a see
			Section 2011 A	and the second feet at
Sand & Shale Gr.&Br. S Sand 4th White	oft	1415	2000	
. 그렇게 되었다. 하늘 하나 사람이 되었다면 하는데 있었다.		2000	2130	
		2130	2255	
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	oft	2290	3680	To a second
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Date\_

. Owner

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DECEIVED.

AUG I 0 1981

State of West Virginia Department of Mines Oil and Gas Division Operator's

Well No. D & F Anderson #

API Well No. 47- 083-0394

DEPT. OF MINES

WELL RECORD

Well Type:	Oil (If "Cas	/. Gas	x / L	iquid	Injec	ction/ Wa	ste Disposal	A Acad
Location:	Elevatio	n: 215	o duction_	Water	ched :	Little Laure	/ Deep	/ Shallow
	District	Roar	ing Creek	water	Compt	Little Laure	Kun	313,65
Well Operat	or FMF	Oil & C	as Proport		The	Randolph Designated	Quadrangle	Ellamore
Addres	S	OII a a	as Proper	cres,	Inc.	_ besignated	agent Alvin	Sorcan
			- 15	A facility		Address		
Da: + + - 1 11	, ,			1			Buckhannon,	
remitted w						ill deeper		
						Plug off old fo		
	Pre	elorate	new form	ation	X_/	Other physica	al change in we	ll (specify)
	-			•				\$48.00 La Pil
Permit Issue	ed on	12-22	- 80			Oil & Gas	Inspector for	This Work:
						Name: R	obert Stewart	
						Address:	Jane Lew, W.	Va.
Geological 7	Carget Fo	ormation	n: Have	rty -	Fox	Dep	th 4900	feet
Depth	of compl	eted we	211, 529	5	fe	eet . Rotary	x / Cable '	lools /
Water	strata d	lepth: I	resh		f	feet: Salt:	fee	ot .
Coal s	seam dept	hs:		232		Is coal	being mined in	the area? No
Work w	as comme	nced	5-2-81		. 1	, and comp	leted 5-10-8	31
Casing and I								
Casing or Tubing Type			ification	S		Footage	Intervals	Cement Fill-U
Tubing Type	Size	Grade.	weight per ft	New	Used			(cubic feet)
Conductor	1			X			30'	To surface
Fresh Water								
Coal			1-1-					
Intermediate				X			1026'	To surface
Production	4 ½		10 ½	X			5099'	300 sks
Tubing	26.25		Harris					
Liners				<u> </u>		1		
Well Treatme	nt detail	16.						
Frac: 5-21			verty Rer	son-	Flb			
				THE RESERVE AND THE PARTY OF TH		-25, 5009-13(13		
				,	4713	23, 3009-13(13	1	As the second
						-		-
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						1		
Cas: Initia	l coon fi		C)	5 W.		0:1 7	03/	22/2024
Final	open II	10/10	NOW !! E	MCI	L/d	Oil: Initial	open flow,	Bb1/d
Static Pock 1	pression	177	5	21 WC	/a	Final o	pen flow,	Bb1/d
				berg	(suri	ace measurement	) after 72 ho	ours shut in.
	47.75						(Well log o	on reverse side)
							106 0	" Teverse Sine)

### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION



### INSPECTOR'S WELL REPORT

OIL & GAS DIVISION

DEPT. OF MINES Permit No. 083-0394

Company EMF Oil & GAS	CASING AND TUBING	USED IN DRILLING	LEFT IN	PACK	ERS
Address Buck HANNON	Size				
FarmDONALD ANDERSON	16			Kind of Pac	cer
Well No. #	13			G'	
District ROAR, WG CREEK County RANDOIPH	81/4			Size of	
Drilling commenced 5-/-8/	65/8			Depth set	
Drilling completedTotal depth	5 3/16				-
	3			Perf. top	
Date shotDepth of shot	2			Perf. bottom	
Initial open flow/10ths Water inInch	Liners Used			Perf. top	
Open flow after tubing/10ths Merc. inInch				Perf. bottom	
VolumeCu. Ft.	CASING CEMEN	NTED	SIZE	No. FT	Date
Rock pressure lbs. hrs.	NAME OF SER	VICE COMPA	NY		
Dilbbls., 1st 24 hrs.	COAL WAS EN	COUNTERED	AT	FEET	_INCHES
resh waterfeetfeet	FEET_	INCH	ES	FEET	_INCHES
Salt waterfeetfeet	FEET_	INCH	ES	FEET	_INCHES
Orillers' Names_FA/Cov Rib -3					
				√	
Remarks:				-	
Marc RiG SPUD					

#### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

# INSPECTOR'S PLUGGING REPORT

COMPANY	+	taranti da la contrationa	ADDRESS				
FARM	ARMCOUNTY						
Filling Material Used							
Liner Loc	ation	Amount	Packer	Location			
PLUGS USED A	ND DEPTH PLACED		BRIDGES	CASIN	G AND T	UBING	
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST	
	, , , , , , , , , , , , , , , , , , , ,						
						14-4-1	
ì							
						·	
rillers' Names							
Remarks:						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
			~				
						* .	
	* 1		ve well on this date.				

#### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION



JUI 2 - 1982

OIL AND GAS DIVISION WY DEPARTMENT OF MINES

#### INSPECTOR'S WELL REPORT

Permit No. <u>083-039</u>	7		a contra a transfer	Oil or	Gas Well	15
Company FMF	01/4645	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACK	ERS
Address Belive	GTON	Size				
Farm D AND	erson	16	9230	n Breez - A	Kind of Pack	cer
Well No. #/	40 S 1 S 1 S 1 S 1 S 1 S 1 S 1 S 1 S 1 S	13			Size of	
District ROARING CK	eek County RANDOIPH	81/4			-	
Drilling commenced	5-1-81	65%			Depth set	*
Drilling completed	Total depth	3			Perf. top	*
Date shot	Depth of shot	2			Perf. bottom	
Initial open flow	/10ths Water inInch	Liners Used			Perf. top Perf. bottom	
Open flow after tubing	/10ths Merc. inInch				Peri. bottom	ī
Volume	Cu. Ft	. CASING CEME	NTED	SIZE	No. FT	Date
Rock pressure	lbshrs	NAME OF SEL	RVICE COMP.	ANY		
Jil	bbls., 1st 24 hrs	. COAL WAS EN	NCOUNTEREI	) AT	_FEET	INCHES
Fresh water	feetfeet	FEET	INC	HES	_FEET	INCHES
Salt water	feetfeet	FEET.	INC	HES	_FEET	_INCHES
Drillers' Names						

O.K. To Release

DISTRICT WELL INSPECTOR

#### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

## INSPECTOR'S PLUGGING REPORT

			We	II No	
		ADDRESS			- 47
	Allegar amman a				
eation	Amount	Packer	Logation		
ND DEPTH PLACED					
	1540			G AND TU	BING
W005-812E	LEAD	CONSTRUCTION-LUCATION	RECOVERED	SIZE	LOST
		The second responsibility of the second seco			
					10 10 10 No.
		DISTRICT  cation Amount  ND DEPTH PLACED	DISTRICT  Section Amount Packer  ND DEPTH PLACED BRIDGES  WOOD—SIZE LEAD CONSTRUCTION—LUCATION	DISTRICT COUNTY  Station Amount Packer Location  ND DEPTH PLACED BRIDGES CASIN  WOOD-SIZE LEAD CONSTRUCTION-LOCATION RECOVERED	Amount Packer Location  ND DEPTH PLACED BRIDGES CASING AND TU  WOOD-SIZE LEAD CONSTRUCTION-LOCATION RECOVERED SIZE  A SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE

I hereby certify I visited the above well on this date.



# State of Mest Nirginia

Department of Mines Gil and Gas Division Charleston 25305

WALTER N. MILLER DIRECTOR

THEODORE M. STREIT ADMINISTRATOR

July 13, 1982

FMF Oil & Gas Properties 537 Springvale Road Great Falls, Virginia 22066

Dear Sir:

The required records and reports have been received in this office and the District Inspectors have submitted Final Inspections for the following wells listed below:

PERMIT NO.	FARM AND WELL NUMBER	DISTRICT
083-0294	Armand Ricottilli, Armand #1, FMF-1A	Roaring Creek
083-0394	Donald & Patsy Anderson, #1	Roaring Creek
083-0395	Armand Ricottilli, #1	Roaring Creek
083-0409	Patrick Tahaney Heirs, #1	Roaring Creek
083-0431	Paul R. Flanagan, #1	Roaring Creek

In accordance with Chapter 22, Article 4, Section 2, the bond coverage for above captioned wells will stay in force for life of well. Reclamation requirements have been approved.

Very truly yours,

Theodore M. Streit

TMS:rl

	•	11/2000
		NOV1 7 1981
	FERC-121	DEPT. OF M
1.0 API well number (If not available, leave blank 14 digits.)	47-083-0394	
2.0 Type of determination being sought (Use the codes found on the front of this form.)	102 Section of NGPA	Category Code
3.0 Depth of the deepest completion location. (Only needed if sections 103 or 107 in 2.0 above.)		teet
4.0. Name, address and code number of applicant. (35 letters per line maximum. If code number not available, leave blank.)	FMF Oil and Gas Proper 537 Springvale Road Great Falls, Virginia	22066
5.0 Location of this well. (Complete (a) or (b).) (a) For onshore wells. (35 letters meximum for field.)	Roaring Creek District Randolph County	State Zip Code  West Virginia
(h) For OCS wells	Date of Lease	State Block Number
(c) Name and identification number of this well. (35 letters and digits maximum.)	Anderson #1	OCS Lease Number
(d) If code 4 or 5 in 2.0 above, name of the reservoir (35 letters maximum.)	Little Laurel Run	
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	Columbia Gas Transmiss	
(b) Date of the contract	Under negotiation	Huser Corte
6.) Estimated Annual production	30	MMcf
	(a) Base Price (\$/MMRT(J)	(c) All Other Prices [Indicate (b) and (c) (f) and (c)
(As of filing date. Complete to 3 decimal places.)	Initial 102 or 10 Not yet in produc	7 NGPA Pricing
R.O. Miximum lawful rate (As of filing date. Complete to 3 decimal places,)		
America Use Only  Discovered by Juris Agencs  NOV 17 1981	Frank M. Foley  Frank M. Foley  70  70	President  Title  3/759-4545 Phone Number

40112

MAR 23 1982	BUYER-
FMF Dil & Gas Properties	A K
MIRST PURCHASER: Negotiating Columbia	004030
OTHER:	
W Va Department of Mines Oil & Gas Division Wall 1/2	0
W. Va. Department of Mines, Oil & Gas Division WELL DETERMINATION FILE NUMBER  Haverty will Zuralify	Denson Will
11-11-17 -102-083: 0394 Hell reard in complete,	ictar map
Uso Above File Number on all Communications Relating to Determination of this Well  Relating to Determination of this Well	sey-
CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING	O
ITEM NO.	
1. FERC -121 Items not completed - Line No. 7.0 8.0	all
2. IV-1 Agent Paul Bowles	· · · · · · · · · · · · · · · · · · ·
3. IV-2 Well Permit	
4. IV-6 Well Plat	
5. IV-35 Well Record Drilling Deepening	3
6. IV-36 Gas-Oil Test: Gas Only Was Oil Produced?	Ratio
7. IV-39 Annual Production years	
8. IV-40 90 day Production Days off line:	
9. IV-48 Application for certification. Complete?	
10-17. IV Form 51 - 52 - 33 - 54 - 55 - 56 - 57 - 58 Complete? Aff	idavit Signed—
8-28. Other: Survey Logs Geological Charts	
Structure Map 1: 4000 Map Well Tab	
(5) Date commenced: 5-2-81 Date completed 5-710-81 Deepen	red
(5) Production Depth: 5009-13 3686-3754 4001-08	
(5) Production Formation: Haverty Benson Elk	
(5) Final Open Flow: 531 mcf	
(5) After Frac. R. P. 1775 # 72 hrs	•
(6) Other Gas Test:	
(7) Avg. Daily Gas from Annual Production:	-
(8) Avg. Daily Gas from 90-day ending w/1-120 days	184 y
(8) Line Pressure: PS	IG from Daily R
(5) Oil Production: From Completion Report	
0-17. Does lease inventory indicate enhanced recovery being done $N_0$	
0-17. Is affidavit signed? Notarized?	
oes official well record with the Department confirm the submitted information $0.3/1$	22/2024 on?
dditional information Does computer program confirm?	
as Determination Objected to By Whom?	

reasonably available to your results of the results determination of eligibility? Yes location, if known:

Are you aware of any other information which would tend to be inconsistent with the information specified above? Yes No X. If yes, indicate the type and source of the information.

- 1) Was natural gas produced from the reservoir in commercial quantities prior to April 20, 1977.
- Was the reservoir penetrated by an old well from which oil or gas was produced in commercial quantities from any other reservoir? Yes No X
- If the answer to 2) is "yes", could natural gas have been produced in commercial quantities prior to April 20, 1977 from any old well so indicated? Yes \_\_\_\_\_\_No\_\_\_\_
- 4) If the gas is to be produced through an old well, were suitable production and gathering :acilities
- 5) If the answer to 3) or 4) is "yea", attach a separate sheet explaining why you believe the well, for which a determination is sought, can be qualified as a new onshore reservoir well and include any information which would support your conclusion.

# BOTTOM HOLE PRESSURE DATA

Indicate the bottom hole pressure of the well and explain how this was calculated BHP = P<sub>1</sub> + P<sub>1</sub> (eGL/53.34T-1) BHP = 1790+1790 (e(.60)(4349)/(53.34)(560)-: T = 560 (R)

BHP = 1951

G = .60

= 4349

AFFIDAVIT I, Frank M. Foley having been first sworn according to law, state that in the caused to be made a diligent search of those records hereinbefore indicated in the manner herein described, that the information contained in this document is true and accurate and that on the basis of the records and examinations hereinbefore described, and to the best producing from a new onshore reservoir. I, Frank M. Foley

STATE OF MESK VIRGINIA, at Large

COUNTY OF

President FMF Oil & Gas Properties

do certify that Frank M. Foley, whose name is signed to the writing above, bearing date the day of day of the same before me, in my county afterested Given under my hand and official seal this today of Apt 198/

My term of office expires on the 14 day of March

[NOTARIAL SEAL]

FORM	IV-	53WC
[12-7	81	

	201		
DATE	Sept 13	, 19	81
			The same of the sa

DEPARTMENT OF MINES OIL AND GAS DIVISION

Operator's Well No. Anderson #1 API Well No. 47 - 083 - 0394 State County Permit

WELL CLASSIFICATION FORM

NEW ONSHORE RESERVOIR WELL

NGPA Section 102(c)(1)(C) Category 4

Paul Bowles, Esquire DESIGNATED AGENT Bowles, McDavid, Graff & Love Box 1386 ADDRESS

Charleston, West Va. 25325 WELL OPERATOR FMF Oil & Gas Propertie EOCATION: Elevation 2159 Watershed Little Laurel Run

DistRoaring County Randolph Quad Ellamore CAS PURCHASER Columbia Gas Transmission Gas Purchase Contract No. Under Negotiation ADDRESS 1700 MacCorkel Avenue Meter Chart Code Charleston, West Va. 25314 Date of Contract

List all records reasonably available to you which contain information relevant to a determination of eligibility (including production records, B&O Tax Records and royalty payment records) and indicate the location of such records:

\* \*

The OG-10's available from the Department of Mines, Office of Oil & Gas, Charleston, West Va.

Logs of Mary Vedonic wells.

ADDRESS 537 Springvale Road

Great Falls, Va. 22066

#### Describe the search made of any records listed above:

Study of OG-10's for productive zones and date drilled for comparison to FMF productive zones.

Mary Vedonic logs used for comparison and preparation of the subsurface corss section map.

