

Oil and Gas Division

AND GAS WELL PERMIT APPLICATION GAS DIVISION

THE PROPERTY OF THE PROPERTY OF THE PARTY OF	
TO THE DEPARTMENT OF MINES, Charleston, W. Va.	June 26, 1980
	DATE
Surface Owner Lucy Morris	26175 Company L & M Petroleum Co.
Address Rt.2, Box 146, Sistersvil	le, WV' Address Rt. #1, Box 18-B, Marietta,
Mineral Owner Lucy Morris	Farm Lucy Morris Acres 100
Address	Location (waters) Pursley Creek
Coal Owner Lucy Morris	Well No. 1 Elevation 785
Address same as above	District Ellsworth County Tyles
Coal Operator	Quadrangle Paden City 7½
Address	
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	INSPECTOR
fordrilling This permit shall expire if	TO BE NOTIFIED Phillip Lee Tracy
operations have not commenced by 3-2-81	ADDRESS Middlebourn, WV 26149
Ful UD MILE	
Deputy Director - Oil & Gas Division	PHONE
GENTLEMEN:	
The undersigned well operator is entitled to drill	l upon the above named farm or tract of land for oil and gas, having
The enclosed plat was prepared by a registered en have been notified as of the above date. The above named coal owners and/or operator are to make by Section 3 of the Code, must be received. Copies of this notice and the enclosed plat were nor coal owners at their above shown respective addressme day with the mailing or delivery of this copy to the PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:	PER
WEST VIRGINIA GEOLOGICAL AND	Rt. #1, Box 18-8
ECONOMIC SURVEY P. O. BOX 879	Address Street
	Well Operator Marietta
MORGANTOWN, WEST VIRGINIA 26505	City or Town
The state of the s	Ohio 45750
MORGANTOWN, WEST VIRGINIA 26505	
*SECTION 3 If no objections are filed or found notice and plat by the department of mines, to said proposed the filing of such plat, that no objections have been made by the such plat, the	State BLANKET BOND and by the Department of mines, within said period of ten days from the receipt of location, the department shall forthwith issue to the well operator a permit recipt of location.
MORGANTOWN, WEST VIRGINIA 26505 AC-304 - 292-6331 *SECTION 3 If no objections are filed or found notice and plat by the department of mines, to said proposed	State BLANKET BOND 2/22/2023 and by the Department of mines, within said period of ten days from the receipt
*SECTION 3 If no objections are filed or found notice and plat by the department of mines, to said proposed the filing of such plat, that no objections have been made by the such plat, the	State BLANKET BOND and by the Department of mines, within said period of ten days from the receipt of location, the department shall forthwith issue to the well operator a permit recipt of location.

THIS IS AN ESTIMATE ONLY ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO	OX DRILL	DEEPENFR	ACTURE-STIMULATE
DRILLING CONTRACTOR: (I	f Known)	RESPONSIBLE AGENT:	
NAME		NAMERICHARD	
ADDRESS		ADDRESS Parkers	sburg, WV 26101
TELEPHONE	The first of the same of the s	TELEPHONE 304-	+22-7208
ESTIMATED DEPTH OF COMP	PLETED WELL: 28001		
	RMATION: Devonian Gordo		
TYPE OF WELL: OIL	GAS COM	B. X STORAGE	DISPOSAL
26, 1990	RECYCLING	WATER FLOO	OD OTHER
	1.2 Pale : 4 A		
MENTANTIN CACINO PROCES			
CIZI	USED FOR DRILLING	LEFT IN	OR SACKS - CUBIC FT.
20 - 16	DAILE CONTROL OF THE PROPERTY		OR SACKS - CUBIC PT.
13 - 10			5 2 2 3
9 - 5/8			
8 - 5/8	2501	250	Surface
7			
5 ½		THE WELL SITE	TA CETEOTI SA TRUM TIMAS
4 ½	TD	TD	400 sx
3		nin-Chapter 22	Perf. Top
Liners	3n.a. 10.78138m m	Davoidin Anna	Perf. Bottom
Eliters		at some extoler if	Perf. Top
Pedies contract	080		Perf. Bottom
SUBMIT FIVE (5) COPIES OF PLAT. TO DRILL DEEPER OR REDRI SUBMIT FIVE (5) COPIES WELLS DRILLED PRIOR MUST ALSO BE SUBMITT TO FRACTURE - STIMULATE: OIL AND/OR GAS WELL OBOND, PERMANENT PLAT OIL AND/OR GAS WELL OIL AND/OR GAS WE	OF OG - 1, SHOWING ORIGINA TO 1929, A PERMANENT COPY TED. ORIGINALLY DRILLED BEFORE T AND ORIGINAL WELL RECOR ORIGINALLY DRILLED ON AND/ UMBER, AND PERFORMANCE BO	TEE, PERFORMANCE BO L PERMIT NUMBER ANI OF THE PLAT AND TO JUNE 5, 1929, FIVE (5) C D. OR AFTER JUNE 5, 1929	OPERFORMANCE BOND. ON HE ORIGINAL WELL RECORD OPIES OG - 1, PERFORMANCE
Required forms must be file	ed within ninety (90) days of com	pletion for bond release.	Inspector to be notified twenty-
four (24) hours in advance.			well stand at New York .
			EXI: From Section
The following waiver must thereof.	be completed by the coal operator	or if the permit is to be is	sued within len days of receipt
WAIVER: I the undersigned, Ag this lease have examin	ent forned and place on our mine maps	_ Coal Company, Owner this proposed well location	or Operator of the coal under
We theproviding operator has	10	e no objections to said we ons in Articles 4, 5, and 7	ll being drilled 2/22/2023 on, Chapter 22 of the West Virginia
		For	Coal Company
	אין מרות אין	re alamateur accumulari	

Official Title

Di	ate	June	1	9	198	0
Well	No.	1				
API	No.	47	_	095	-	815
		State		County	_	rermit

STATE OF WEST VIRGINIA

OFFICE OF OIL	
Company Name L & M Petroleum Co.	Designated Agent Richard Hudson
Address Rt. #1, Marietta, Dhio	Address Parkersburg, WV
Telephone 614-373-8771	Telephone 304-422-7208
Landowner Lucy Morris	Soil Cons. District Upper Unio
Revegetation to be carried out by Uppe:	r Dhio S.C.D. (Agent)
This plan has been reveiwed by Kenneth	R. Mason SCD. All corrections 6/35/80 Remeth R. Masen
and additions become a part of this plan.	(Date) Remelle P. Maser
Access Road	Location
Structure Culverts (A)	Structure (1)
Spacing 901	Material
Page Ref. Manual I-8 /-7	Page Ref. Manual
Structure Cross Drains (B)	Structure (2)
Spacing 90'	Material
Page Ref. Manual I-4	Page Ref. Manual
Structure Ditch (C)	Structure (3)
Spacing Upper side access road	Material
Page Ref. Manual I-11	Page Ref. Manual
All structures should be inspected regula	rly and repaired it necessary.
Revegetat	ion
Trestment Area I	Treatment Area II
Lime Tons/acre	LimeTons/Acre
or correct to ph	or correct to pH
Fertilizer 500 lbs/acre	Fertilizerlbs/acre
(10-20-20 or equivalent)	(10-20-10 or equivalent)
Mulch Hay or Straw 2 Tons/Acre	MulchTons/Acre
KY#31 toll fescue 30 bs/acre	Seed# lbs/acre
Birdsfoort trefoil 10 bs/acre	lbs/acre
*Inoculate all legumes such as vetch, trefo	oil and clovers with the proper
bacterium. Inoculate with 3X recommended a	amou:: C.
(a) 2 6 (a) 3 (a)	
REGULO	(2) 1
1 8 / 8	
Attach or photocopy section of involved is	opographic map. Quadrangle paden City
_	
Legend: Well Sit OIL & GAS DIVISION	ON
- AcceDEGT, OF MIL	
ALCO DO I . LIF WITH	
	I CAN SOR STAN
	18 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
2000	D. C.
	The said of the sa
	1222/2023
	12/22/2023
	12122/2023
	12/22/2023

Liversice

Spring O→

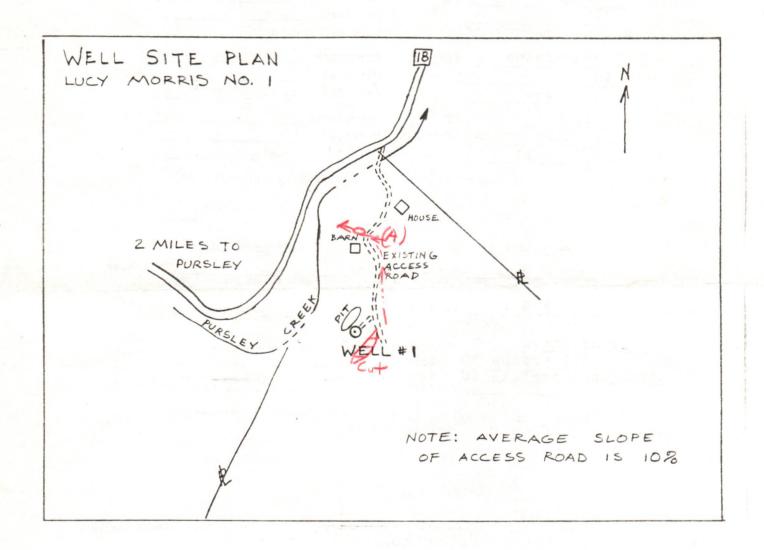
Wet Spot ♡

Building □

Drain Fipe ─ C → C →

Waterway □ ─ □ □

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



BLANKEL

Comments: Following completion of well drill pit will be filled in and the location reclaimed allowing only an area sufficient to operate the well. The disturbed area will be seeded, fertilized,

and mulched as needed.

Signature: Phille C 456

Address

12/22/2023

Please request landowners cooperation to protect new seeding for one them.

B. 11

L & M OIL & GAS DEVELOPMENT CO.

P.O. Box 89 RENO, OHIO 45773 Telephone 1-614-373-8771

July 21, 1982

RECEIVED

JUL 2 3 1982

OIL AND GAS DIVISION WE DEPARTMENT OF MINES

Mr. Theodore Streit Administrator Department of Mines Oil and Gas Division Charleston, WV 25311

Dear Sir:

In reply to your letter of July 19, 1982, concerning the Lucy Morris # 1 well, Permit # 47-095-0815, please be advised that the well was drilled but as of this date we have not completed it.

The reason for not fracturing this well is the lack of a gas line to the location. As soon as we have completed the frac job we will forward the Well Completion papers to you.

If there are any questions, please call

Sincerely

Jean Kettering

L&M OIL & GAS DEVELOPMENT CO.

ean Kettering

ce

L & M OIL & GAS DEVELOPMENT CO

P.O. Box 89 RENO. Onto 45773 (deplote 1-614-373-877)

July 21, 1982



JUL 23 1982

OIL AND GAS DIVISION
W DEPARTMENT OF MINES

on. Thoodore Strait Administrator Droset mat of Mines Old and Ges Division Charleston, WV 25311

inil most

In reply to roun leiter of July 19, 1982, concerning the Lucy Monrie & I woll, Per it 187 197 6315, please be advised that the well won drilled but as of this date we have not complete it.

The rousem for not freeing thishis well is the lack of a gas line touthe location. As soon as we have soupleted the frac job we will forward the bell Completion papers to you.

If there ime any questions, plants oull

Sincerely

TELL OUT & CAS DEVEROUSENT OUT

Jeen H thering

90





State of West Virginia

Department of Mines Gil and Gas Division Charleston 25305

WALTER N. MILLER DIRECTOR THEODORE M. STREIT ADMINISTRATOR

OOG-0858

June 14, 1984

Petroleum Development Corporation P. O. Box 26 Bridgeport, WV 26330

Attn: Mr. Steven R. Williams, President

Re: Lucy Morris #1 (47-095-0815) James Doan #1 (47-095-0864)

Dear Mr. Williams:

This is in response to your letter of June 11, 1984, wherein you stated that you had been requested by the well owner (L & M Pet.) to assume operations of the subject wells and that you will include the wells under your blanket bond.

Please be advised that before these wells can be transferred to Petroleum Development we will have to have satisfactory evidence of transfer (Assignment, Bill of Sale, Operating Agreement, etc.) and a letter from your surety stating **expressly** that they will assume liability for these wells under their bond. The letter from the surety must have the Attorney-in-Fact's signature notarized and a Power of Attorney must be attached. Both the POA and the letter must have a 'raised' surety seal affixed.

If you have any questions or if I can be of further assistance please feel free to call on me.

Sincerely yours,

Lois A. Simpkins

Office of Oil and Gas cc - L and M Petroleum

oir a. Sempkeus

Robert Lowther, District Oil and Gas Inspector



State of West Virginia

Bepartment of Mines Gil and Gas Division Charleston 25305

WALTER N. MILLER DIRECTOR

THEODORE M. STREIT ADMINISTRATOR

00G-1040

November 2, 1984

Petroleum Development Corporation P. O. Box 26 Bridgeport, WV 26330

Attn: Ms. Lisa Pendergrass

Re: 47-095-0815 (L & M Petroleum Co.) 47-095-0864 (L & M Petroleum Co.)

Dear Ms. Pendergrass:

The above captioned wells are being transferred to Petroleum Development Corporation inasmuch as this office has been furnished with 'satisfactory evidence of transfer' (i.e. Assignment from L & M To Hughes, Wise, and Associates, Inc., and subsequent Operating Agreement from HWA to Petroleum Development Corp.)

We are also in receipt of a revised blanket bond (3-84) which automatically incorporates wells that "has been or shall be assigned operating responsibility...".

If I can be of further assistance please don't hesitate to call on me.

Sincerely yours,

Lois A. Simpkins

Office of Oil and Gas

cc - Robert Lowther, District Oil and Gas Inspector L and M Petroleum Company Hughes, Wise, and Associates, Inc.





OIL & GAS DIVISION
DEPT. OF MINES State of Mest Mirginia Bil und Gas Bivision

Date	5/31/85
Operat Well N	or's #1
Farm_	Lucy Morris
API No	• 47 - 095 - 815

(Continue on reverse side)

WELL OPERATOR'S REPORT

OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas xx/ Liquid Injection (If "Gas," Production xx/ Undergro	on/Wast ound Storag	ce Disposa ge/ Deep	L/ D/ Sha	llow <u>xx</u> /)
LOCATION: Elevation: 785' Watershed	Pursley Cr	eek		
District: Ellsworth County Ty			Paden C	ity 7½'
COMPANY PETROLEUM DEVELOPMENT CORPORATION	A 10 10 10 10 10 10 10 10 10 10 10 10 10		MICHANIS MARINE	
ADDRESS PO BOX 26, BRIDGEPORT, WV 26330	Casing	Used in	Left	Cement
DESIGNATED AGENT STEVEN R. WILLIAMS	Tubing	Drilling		fill up Cu. ft.
ADDRESS PO BOX 26, BRIDGEPORT, WV 26330	Size	DITTILIG	III WEIL	Cu. IC.
SURFACE OWNER LUCY MORRIS	20-16 Cond.			
ADDRESS RT 2, BOX 146, SISTERSVILLE, WV 26175	13-10"			
MINERAL RIGHTS OWNER LUCY MORRIS	9 5/8			
ADDRESS RT 2, BOX 146, SISTERVILLE, WV 26175	8 5/8			
OIL AND GAS INSPECTOR FOR THIS WORK ROBERT	7			
LOWTHER ADDRESS MIDDLEBOURNE, WV 26149	5 1/2			
PERMIT ISSUED AUGUST 2, 1980	4 1/2	3283'	3283'	300 sks.
DRILLING COMMENCED AUGUST 9, 1980	3	3203	3203	300 SKS.
DRILLING COMPLETED AUGUST 13, 1980	2			
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON	Liners used			
GEOLOGICAL TARGET FORMATION DEVONIAN GORDON	- Strangen or Control of Control	Den	th 2800	feet
Depth of completed well 3400 feet	Rotary XX			
Water strata depth: Fresh n/a feet;	-		-	
Coal seam depths: n/a				area? no
coar seam depuis.	_ 15 0011	being har		110
OPEN FLOW DATA				
Producing formation WARREN SAND				
Gas: Initial open flow not taken Mcf/d				
Final open flow 40 Mcf/d				
Time of open flow between ini				
Static rock pressure 760 psig(surfa	ce measure	ment) afte	r_/2_hou	ırs shut i
(If applicable due to multiple completion				22/2023
	Pa			
Gas: Initial open flow Mcf/d				
Final open flowMcf/d				
Time of open flow between ini		and the second second		
Static rock pressurepsig(surface	e measurem	ent) after	hou	urs shut i

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

PERFORMED MINIFRAC ON WARREN FORMATION USING 250 GALLONS OF 15% HCL ACID FOLLOWED BY 500 GALLONS H2O, 180,000 SCF OF N2 AND 250 GALLONS OF 15% HCL. THEN, THE ZONE WAS STIMULATED WITH 997,000 SCF OF N2 at 40,000 CFM.

WELL LOG

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
KB - BL	0	10	drillers book not available
sand, shale, redrock	10	1524	
maxton	1524	1544	
sand, shale	1544	2032	
weir	2032	2123	
sand, shale	2123	2210	
berea	2210	2220	
sand, shale	2220	2650	
	2650	2665	
gordon			
sand, shale	2665	3172	
warren	3172	3220	
sand, shale	3220	3400	TDodriller
			- A
			4
			20.000 (0.000 1.000
	1-2-1		
	1 1 1 2 2 2 2		
	1	1	55.5

(Attach separate sheets as necessary)

PETROLEUM DEVLOPMENT CORPORATION	
Well Operator	the same gardens
By: 12/22/2023	
Date: 4/3/85	

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."

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES OIL AND GAS WELLS DIVISION

RECEIVED

JU[1 3 1982

OIL AND GAS DIVISION WY DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Parmit No. 095-	0815	Oil of Gas Well				
Company L&M	sotroloum	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PAGE	CERS
Address Reno	Ohio	Size			Live Control	able gloss is
Farm Lucu	morris	16			Kind of Pac	ker
telle source en a servició a serv		13		Property of the Cartes		
Well No	41 - 0	10			Size of	
District (1800)	County Well	81/4				
Drilling commenced		65/8		Train who was fair	Depth set	The second secon
		5 3/16				19
Drilling completed	Total depth	3	1		Perf. top	
Date shot	Depth of shot	2			Perf. botton	1
In tial open flow	/10ths Water inInch	Liners Used			Perf. top	
					Perf. botton	1
open flow after tubing	/10ths Merc. inInch					
olume	Cu. Ft.	CASING CEME	NTED	SIZE	No. FT.	Date
lock prescure	lbshrs.	NAME OF SER	VICE COMPA	NY		
11	bbls., 1st 24 hrs,	COAL WAS EN	COUNTERED	AT	FEET	INCHES
ash quater	fout fort					
Barrier Commission of the Comm	feetfeet	FEET	INCH	ES	FEET	INCHES
ait water	feetfeet	FEET_	INCH	ES.	FEET	INCHES
Prillers' Names	<u> </u>					
Final L	uspection	Occes	Dad			
emarks:	The second				7	· . · . · · · · · · · · · · · · · · · ·
	,				2	5
					9.	

7-9-82



STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No			Well No.				
COMPANY		State of the Control		ADDRESS			
FARM		or say in the light	DISTRICT	(ACLAS)	COUNTY		
Filling Materia	al Used						
Liner	Loc	ention	Amount	Packer	Location	1,00,00	
	LUGS USED A	ND DEPTH PLACED	100000000000000000000000000000000000000	BRIDGES	CASI	G AND TE	BING
CEMENT-TH	ICKNESS	WOOD-RIZE	LEAD	CONSTRUCTION LUCATION	RECOVERED	SIZE	LOST
					er January and January		
				8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	al market and a second		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
agentya ya sangana kara na sa					2 1 2 2 2 2 2 2 2 2 2 2	Mark Control	A part
	V. 1993					produces of the dest of the	appear to the same
and the second second second second		ye miss		14 a 14 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	55 C		
	British British British					in and the	
A. C.	W. S.	377		3 × 3 × 3 × 37 × 20		and the second	
				77.5° A.W. 1		- Vince	.3
Orillers' Names							
					The state of the s	20 S - 1 - 1 - 1	
Remarks:	in the second		-			mark and the second of the	

12/22/2023



OIL & GAS DIVISION DEPT. OF MINES

STATE OF WEST VIRGINIA DEPARTMENT OF MINES OFFICE OF OIL AND GAS CHARLESTON 25305 FINAL INSPECTION REPORT INSPECTORS COMPLIANCE REPORT

ompany: PETROLEUM DEV

Farm: MORRIS, LUCY

Well: 1

Permit No. 47- 95-0815 (7-02-80)

County: TYLER

		In Compliance				
Rule	Description	Yes	No			
23.06	Notification prior to starting work	V				
25.04	Prepred before drilling to prevent waste	V				
25.03	Hish pressure drilling	V	*******			
16.01	Required permits at wellsite	VA-				
15.03	Adequate Fresh Water Casins		****			
15.02	Adequate Coal Casing					
15.01	Adequate Production Casins	V				
15.04	Adequate Cement Strength	-Va-				
15.05	Cement Type	V/				
23.02	Maintained Access Roads	-V/-				
25.01	Necessary Equipment to Prevent Waste	V				
23.04	Reclaimed Drillins Pits	V				
23.05	No Surface or Underground Pollution	V	*****			
23.07	Requirements for Production & Gatherins Pipelines	V				
14-11	Well Records on Site	V				
1	Well Records Filed	V				
	Identification Markings	ν				

I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEA

Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above well will remain under bond

coverage for the life of the well.

Administrator

July 3, 1985

Date

