





DIVISION OF OIL & GAS DEPARTMENT OF ENERGY

State of West Birginia Bepartment of Mines Bil und Gas Bivision

Date		, 1985				
Operator's						
Well No.	Well No. AM84-3					
Farm_	Morris					
APT NO.	117 - 0	or - :	1003			

WELL OPERATOR'S REPORT

OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WEIL TYPE: Oil / Gas X / Liquid Injection (If "Gas," Production / Underground	/ Wast nd Storag	e Disposa e/ Deep	L/ D/ Sha	llow_X_/)
LOCATION: Elevation: 1306.6 Watershed Bu	ick Run/Ga	mble Run		
District: Lincoln County T	rler	Quadrangle	Paden C	ity 7.5
		· · · · · · · · · · · · · · · · · · ·		
COMPANY Applied Mechanics Corporation				10
ADDRESS Rt. 1, Box 41-J: Bridgeport. W.Va. 26330	Casing	Used in	Left	Cement fill up
DESIGNATED AGENT Charles L. Stout	Tubing	Drilling	in Well	Cu. ft.
ADDRESS Rt. 1, Box 152; Middlebourne, W.Va. 26149	Size			
SURFACE OWNER Jesse and Diane Morris	20-16			
9936 William Henry Drive ADDRESS Street Shore, Ohio	INXION	30'	30 '	
MINERAL RIGHTS OWNER Logan Hassig. Agent		1)0) (
ADDRESS P.O. Box 189: New Martinsville, W.Va.	9 5/8	1560	1560	400 sacks
OIL AND GAS INSPECTOR FOR THIS WORK 26155	8 5/8	1500	1)00	
Bob Lowther ADDRESS Middlebourne, W.Va.	7			
PERMIT ISSUED November 26, 1984	5 1/2			
DRILLING COMMENCED December 10, 1984	4 1/2	3768	3768	375 sacks
DRILLING COMPLETED December 15, 1984	3			
	2			
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR	Liners			
REWORKING. VERBAL PERMISSION OBTAINED	used			
CNN/A		<u> </u>	<u></u>	
GEOLOGICAL TARGET FORMATION Shale/Gord	lon	Dep	th <u>3111-31</u>	30 feet
Depth of completed well 3790 feet R	otary X	_/ Cable	e Tools_	
Water strata depth: Fresh 0 feet;				
Coal seam depths:			ed in the	area?_No_
		•		
OPEN FLOW DATA				
Producing formation Gordon		_		130 feet
Gas: Initial open flow Show Mcf/d				
Final open flow 500 Mcf/d				
Time of open flow between initi		-		
Static rock pressure 1180 psig(surface	measure	ment) after	rhou	rs shut in
(If applicable due to multiple completion-) (•
Second producing formation Shale Up	Dev. United	zone dep	th <u>3685-</u> 3	3730 feet
Gas: Initial open flow Show Mcf/d	Oil: In	itial open	flow	Bb1/d
Final open flow 0 Mcf/d	Oil: Fi	nal open f	low	Bbl/d
Time of open flow between initi	al and f	inal tests	hc	ours
Static rock pressure psig(surface				·
		(Conti	2000	verse side)

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

Shale---perforated 3685-3730---19 holes

treated using 500 gal. acid & 750,000 S.C.F. mitrogen

Gordon--perforated 3113-3116---4 holes

3125-3130---6 holes

treated using: foam---22,000 gal. acid---250 gal. sand (20-40)---14,800 #

WELL LOG

					REMARKS	
FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	Including indication of all fres	
Cop soil Sand Shale Red Rock Shale Red Rock Shale Red Rock Sand & Shale Red Rock Shale Sand Sand Shale Sand Shale Sand Shale Red Rock Shale Sand Shale	Red Grey Grey Red Grey Red Grey Red Grey Grey Grey Grey Grey Grey Grey	Soft Hard Soft Soft Soft Soft Soft Soft Soft Soft	0 8 103 119 133 194 210 471 480 720 733 965 980 1440 1450 1650 1948 1986 2056	8 103 119 133 194 210 471 480 720 733 965 980 1440 1450 1650 1948 1986	water 1/4" stream 1530Maxon Sand	
Sand Shale Sand Shale & Sand Shale	Grey Grey Grey	Hard Soft Soft Hard Hard	2136 2313 2524 2617 3111 TD	2313 2524 2617	Big Injun (oil show 2196)Weir SandGordon Sand	
					3800 135 25	

(Attach separate sheets as necessary)

	Applied Mechanics Corporation
We	11 Operator
	Charles L. Stout. Pres.
By:	Charles L. Stout. Pres.
Date:_	May 16, 1985

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 encountered in the drilling of a well."





1) Date: November 26 , 1984 2) Operator's Well No. AM84-3 3) API Well No. 47 - 095 - 1093

County

OIL & GAS DIV. DEPT. OF MINES

STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OIL AND GAS DIVISION APPLICATION FOR A WELL WORK PERMIT

4) WELLTY	PE: A O	'il	/ G	ıs	<u> </u>				
		-	Production		х	_/ Underground st		/ Deep	_/ Shallow <u>X</u> /)
5) LOCATIO		vation:				Watershed:	Gamble Ru)-1
<i>5</i> ;			incoln				Tyler		Paden City 7.5
6) WELL OP:					.cs	126	•	DAGENT C. L.	
Address			ox 41-3		330) 4 1 '	Address	Rt. 1, Box	
8) OII 8 CA			t, WV		0330	<u>^</u>		Bridgeport	26330
8) OIL & GA NameF	Robert	A. Lov	vther				O) DRILLING C Name	CONTRACTOR:	
Address			Delive				Address		
	Mid	dlebou	irne, V	V V					
10) PROPOSE	D WELL	WORK:	Drill		_/ Drill			/ Stimulate	<u> </u>
						/ Perfora	te new formation	n/	
					change in	well (specify) nd/Gordon			
11) GEOLOGI				,	500				
12) Estima	•	•	•		850	feet	1540		
13) Appro						feet; salt,		feet.	
14) Appro15) CASING A		•				Is coa	l being mined in th	ne area? Yes	/ No/
CASING OR	ום טו שאו ו		GRAM CIFICATION:	•	41	POOTA CE IN	TERMALO	**	å:
TUBING TYPE		1	Weight	i	.	FOOTAGE IN		CEMENT FILL-UP OR SACKS	PACKERS
C-1	Size	Grade	per ft.	New	Used	For drilling	Left in well	(Cubic feet)	
Fresh water	11 3/4	H-40	42		X	20	20	#	Kinds
Coal			 	-	1			-	
Intermediate	8 5/8	J - 55	23	х	1	1200	1200	Circulate -	Sizes Sixfr. a. Al.
Production	11	J-55		x	i i	1200	4400	HOOSX or	a de la constitución de
Tubing	4 1/2	0-33	1.0.3	<u> </u>	1 1		4400	700 37 00	ass sofrequired
Liners					1 1			1	Perforations:
								+	Top Bottom
									Top Bottom
	,								
				***				. н	
						OFFICE USE O			
					I	DRILLING PER	RMIT		
Permit number_		47-09	95 - 1093	3				Decembe	er 7, 19 84
								Dat	e
This permit cove	ering the w	ell operat	or and wel	ll locati	on shown	below is evidence of	f permission gran	ted to drill in accordan	ce with the pertinent legal re-
quirements subje	ect to the co he construc	onditions c tion of r e	contained	herein a	and on the	reverse hereof Not	ification must be	given to the District Oil	and Gas Inspector, (Refer to tractor shall notify the proper
district oil and g	as inspecto	or 24 hour	s before a	ctual pe	ermitted we	ork has commenced	.)	well operator of his con	tractor shall notify the proper
The permitted w	ork is as de	escribed in	n the Notic	e and A	Application	n. plat. and reclama	tion plan subject	to any modifications as	nd conditions specified on the
reverse hereof.						, , ,,	, 540,000	to any mountained ons a	nd conditions specified on the
Permit expires _	Dec	ember	7, 198	56		unless well v	work is commence	d prior to that date and	prosecuted with due diligence.
f									
Bond:	Agen	ı:	Plat:	Casii	ng	Fee			
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U	///	<u> </u>	///	///	<u> </u>		Dara	ret J. L.	
									acce
NOTE: Keep o	ne copy of	this pern	nit posted	at the d	rilling locs	ation.		ministrator, Office of O	ni and Gas
						· · · · · · · · · · · · · · · · · · ·			File

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.