

Redrill. Abandonment

The accuracy of this survey is within the limits and as prescribed in paragraph 5 by the Oil and Gas Division of the Department of Mines Regulations

PROVEN ELEVATION Well No 2 152

### JUSTIN M. HENDERSON

West Union, West Va. 5 Jr 1655

Mary Lou Holland

Acres 3150 Lease No.

Well (Farm) No. Four Serial No.

Elevation (Spirit Level 907

Holbrook

County Doddridge District West Union MASSOLIS

Engineer

Engineer's Registration No. 1227

File No

Drawing No

Date March 23, 1968 Scale 1" = 40p : 660

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

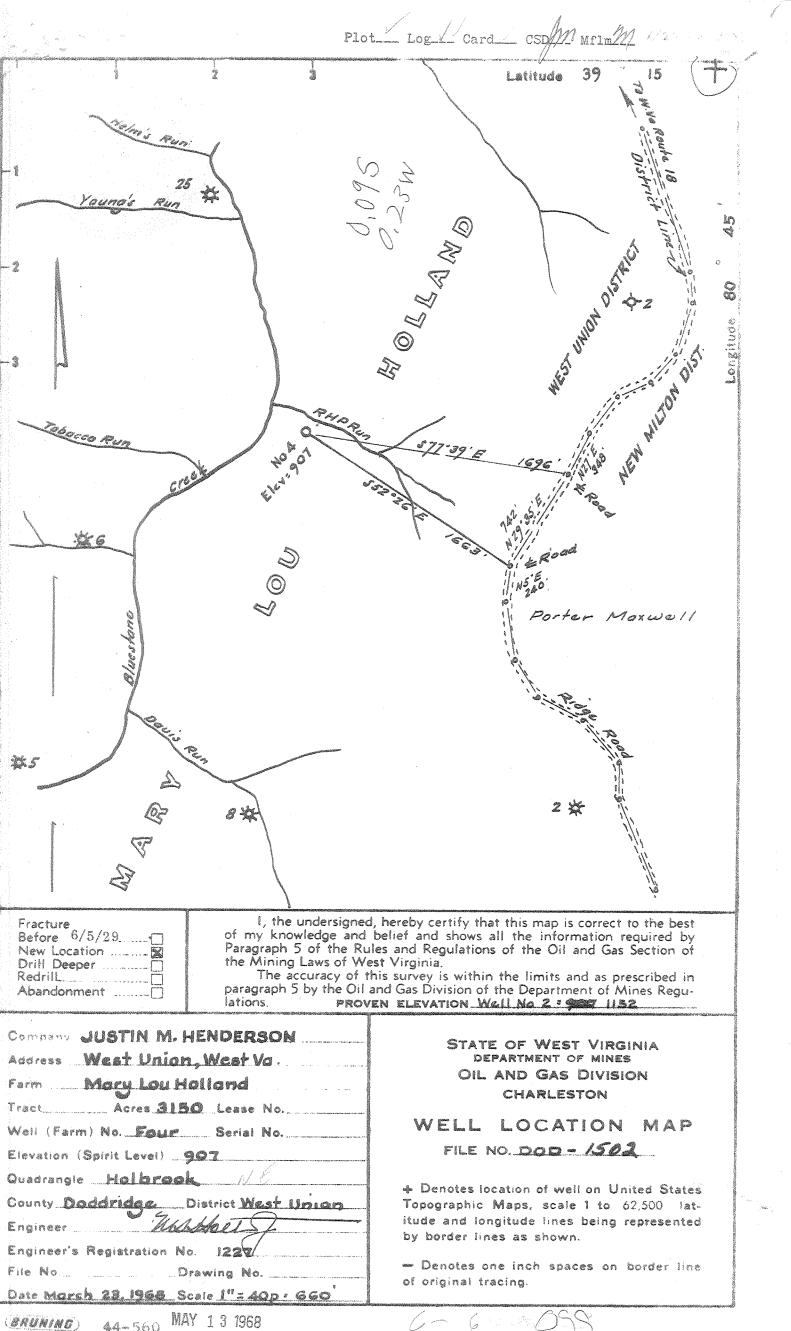
WELL LOCATION MAP FILE NO. DOD - 1502-DD

\* Denotes location of well on United Sire: Topographic Maps, scale 1 to 62500 mix itude and longitude lines being represented by border lines as shown

- Denotes one inch spaces on border rae ung mal tracing 47-017

44 G G STRAIGHT FR BLUESTONE CR BRUNINC Jani Barilla

FEB 1 3 1976



Address\_



### STATE OF WEST VIRGINIA DEPARTMENT OF MINES

# OIL & GAS DIVICION DEPT. OF WIINES

### Oil and Gas Division

### WELL RECORD

Tubing

Quadra	ngle.	Holbrook		
Permit	No.	<u> </u>	Д.Д.	47017

Company Hawk Well Justin M. Henderson Agt.
Casing and

108 Wood St. West Union, W. Va.

Rotary_x_	Oil
Cable	Gas(X)
Recycling	Comb
Water Flood	Storage
Disposal	Tarair.
	(Kind)

Cement fill up

Cu. ft. (Sks.)

Left

in Well

Used in

Drilling

Farm Mary Lou H. Holland Ac	res_4RBAOX	i ubing	Drilling	in Well	Cu. ft. (Sks.)
Location (waters) Bluestone Creek-R	inger Horse	Size			
a a constant of the constant o	Pasture v407	20-16		UP CONTRACTOR OF THE CONTRACTO	the state of the s
District West Union County Dod		Cond.			
The surface of tract is owned in fee by M. L		13-10"			-
308 Church St.		9 5/8			
Address West Union, W. Va. 264	56	8 5/8			
	7				
Mineral rights are owned by M.L.H. Holl J. M. Henderson & Leeman Maxwell Address	t Ars.	5 1/2			1
Drilling Commenced 2-09-1976		4 1/2	<del></del>		†
Drilling Completed 3-26-1976		3 1/2		619"	
	hhle	2		\	
Initial open flow cu. ft cu. ft cu. ft. per day	bble	Liners Used		<b>†</b>	
Well openhrs. before test_		5.			
Well treatment details:	N.	A 441		1	
		Attach copy of c			
Gordon Sand treated by 1000 c	gal acid &	500 bbls wat	er		
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	****		· · · · · · · · · · · · · · · · · · ·		
			•		
			·	· · · · · · · · · · · · · · · · · · ·	
Coal was encountered at				es	
Fresh water Fee		Salt W			_ Feet
Producing Sand 66000		Depth	236	6-2	7/6
Formation Color Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or	Water	* Remarks
Mud	0	15		~ ~	4 6 6
Sand	45	45 95		35	1 bailor hour
State	95	128			
Line	128	154			
Red Rock	154	178			
Lime	178	195			
Shale	195	225			
Lime Slate & Shell	225	243			
Line	243 302	302			
Slate & Shell	310	310 339			
Red red	339	365			
State & Shell	36 <i>5</i>	375			
Rock red	375	510			
Slate	510	550			
Shale	550	580			
Rock red	580	602			
Shale Line	602	608			
Shale	608	650			
Rock Pink	650 675	675			rea u
Shale	675	685 710			
Line AIMP W	13 20 2 19				
	2 / / / / /	1 /2/)			
Lime Black rotten	710 730	730 760			

<sup>(</sup>over)

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Formation Color Hard or Soft	Top Feet /	Bottom Feet	Oil, Gas or Water	* Remarks
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Lime	830	862		•
Slate & Shell	862	932		
Sand	932	975	STEEL ST	
Slate & Shell	975	1095		
Sand	1095	1120	,	
Slate	1120	1145		
Lime Black	1145	1232		
Slate	1232	1332		
Sand Hard Shale	1332	1376		
Sand	1376	1411 1425		
Slate & Shell	1425	1490		
Slate	1490	1515		
Little Lime	-1515	1573		
Pencil Cave	1573	1581		
Big Lime	- 1581	1672		
Big Injun	1672	1724	Berthold Broken	
Slate	1724	1738	Leading the second	Records of 6-25-1968
,	dittalo		in the second of	already on file.
9	-			
•	- Cata	4 45		Deepening of Well 2-09-1976 & 3-26-197
				2-09-1970 & 3-20-197
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9				
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	-	2198		
Berea Sand	-2192	2796		Cemented off
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				of Gordan sand had
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1724				fractured.
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	Date March 2	CO .	19/0
			Yes.
APPROV	VED		Owner
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	By NAKKK	Xulu .	M. Deadles
		(Title) Aq	ient!
	1 100 100 to 8 W 317		



# STATE OF WEST VIRGINIA DEPARTMENT OF MINES

Quadrangle _ W	Seat Union		OIL AND	GAS DIVISION	f.		steed 1. 1
Permit No. 20		Angel man annua na	WELL	RECORD		Oil or	Gas Well Gas
Address	Mood St.	erita i ili di 1 di Francesco, distribut transferodenta i cerci additivo i referenza con consecuti i speci	<b>enderson</b> Age Acres 1500	Tubing	Used in Drilling	Left in Well	Packers
Location (water Well No. 4	s) <u>Bluesto</u>	ne Creek	Elev. 907 °	Size			Kind of Packer
The surface of t	ract is owned in	n fee by Mary	dridge Cov Holland Union, W. Vo	10_''	18 300° 940°		Size of
Aineral rights a Ag <b>ents- L.</b>	re owned by	<u>Ceeman Maxoo</u> Wedress Iane	El Heirs Lew. W. Va.	65/8	1724		Depth set
Orilling complet  Date Shot  Vith	ed 6/15 From	3/1968 mT	Union, W. V	2Liners Used	**************************************	8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Perf. top  Perf. top  Perf. bottom
olume	_/10ths Merc.	inlbs	InchCu. Fthrsbbls., 1st 24 hrs.	CASING CEMP	ENTED	at shoe	No. Ft. 6/14/68 Date FEETINCHES
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Formation	Color	Hard or Soft	Тор	Bottom	Oil, Gas or Water	Depth	Remarks
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(over)

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Date	6/25/1968	
APPROVED Hawk Well		. Owner
By Keeley M	Stenden	Ament
7	(Title)	**************************************
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## Oil and Gas Division

## OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,	
Charleston, W. Va.	DATE
Surface Owner for Lou Holland	Company Hask alleguation as henderson
Address	Address
Mineral Owner Seemon Compact Radas	Farm Bluestane Mary Lou Holland Acres 3004
Address	Location (waters)
Coal Owner	Well No. Elevation
Address	District County
Coal Operator	
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	
for Cleepening. This permit shall expire if	
operations have not commenced by 6-5-76	
110 test 7 /delk	Page
	PECTÓR TO BE NOTIFIED Vand Larrett
GENTLEMEN:	132-3871 ADDRESS Clarksburg, WYa
title thereto. (or as the case may be) under great on least	the above named farm or tract of land for oil and gas, having fee dated
made to county, Book	dated 19 by
19 in County Book	and recorded on the day of
NEW WELL DRILL DEEPER =	
	TRACTORE OR STIMULATE
OIL AND GAS WELL ORIGINALLY DRILL	ED BEFORE JUNE 5, 1969.
The enclosed plat was prepared by a registered engineer have been notified as of the above date.	or licensed land surveyor and all coal owners and/or operators
The above named coal owners and/or operator are hereby to make by Section 3 of the Code, must be received by, or	y notified that any objection they wish to make, or are required filed with the Department of Mines within ten (10) days. *
Copies of this notice and the enclosed plat were mailed bor coal owners at their above shown respective address same day with the mailing or delivery of this copy to the D	by registered mail, or delivered to the above named coal operators day before, or on the department of Mines at Charleston, West Virginia.
P LASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:	Very truly yours
West Virginia Geological and Economic Survey P. O. Box 879	(Sign Name) Well Operator Well Operator
Morgantown, W. Va. 26505 Addr AC 304-296-4461 of Well-Ope	Deat Union 1. Ta. 26456
	City or Town
	₩a. Va.
	State

\*SECTION 3 . . . . If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

-1502-RA PERMIT NUMBER

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

PROPOSE	ED WORK ORDER	ODRILL	_ DEEPEN FF	RACTURE-STIMULATE		
	G CONTRACTOR: (	If Known) of)Spencer Enterprises	RESPONSIBLE AGENT:			
		· · · · · · · · · · · · · · · · · · ·	ADDRESS COLOR ROULE TELEPHONE			
ESTIMATI	ED DEPTH OF COM	PLETED WELL:	ROTARY	CABLE TOOLS		
PROPOSE	D GEOLOGICAL FO	RMATION:	ItO I AIL I	ONBED TOOLS		
TYPE OF	WELL: OI	GAS COM	MB. STORAGE	DISPOSAL		
		SAAAAA		ODOTHER		
			The state of the s			
TENTATI	VE CASING PROGR	AM:				
CACI	NC AND TUDING	LICED COD	I DEET IN	COMPAGE INT. IND		
CASII	NG AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.		
20 - 16						
13 - 10						
9 - 5/8				-		
8 - 5/8						
5 ½		N. D. LOVE CONTROL OF THE STREET CONTROL OF				
4 1/2						
3		3492*(3342*100*)		Perf. Top		
2				Perf. Bottom		
Liners				Perf. Top		
				Perf. Bottom		
		* 6		- Contract C		
	MATE FRESH WATI		SALT WATER _	FEET		
	MATE COAL DEPTH	13 m	)	•		
IS COAL	BEING MINED IN	THE AREA?	BY WHOM?			
TO DRILL	L:					
	MIT FIVE (5) COPI PLAT.	ES OF OG - 1, \$100.00 PERMIT	FEE, PERFORMANCE BO	OND AND PERMANENT COPY		
TO-DRILI	DEEPER OR REDI	RILL:				
WEL		S OF OG - 1, SHOWING ORIGIN R TO 1929, A PERMANENT COF TED.				
TO FRAC	TURE - STIMULATE					
		ORIGINALLY DRILLED BEFORI	P HIND E 1090 DIVE (E)	CODIEC OC 1 DEDECORMANCE		
		AT AND ORIGINAL WELL RECO		COFIES OG - 1, PERFORMANCE		
		ORIGINALLY DRILLED ON ANI NUMBER,AND PERFORMANCE E		9, FIVE COPIES OG - 1, SHOW-		
	uired forms must be to (24) hours in advance	filed within ninety (90) days of co	mpletion for bond release.	Inspector to be notified twenty-		
1041	(24) nours in advance	e.				
	\$ 1					
The thereof.	following waiver mu	st be completed by the coal opera	tor if the permit is to be	issued within ten days of receipt		
WAIVER:	I the undersigned	Agent for	Coal Company Owner	or Operator of the coal under		
		nined and place on our mine map		_		
		Coal Company ha				
		as complied with all rules and regula				
	Code.	Ü				
				my.		
			T.	or Coal Company		
			r	or coar company		

Official Title