

DEPARTMENT OF MINES OIL AND GAS DIVISION

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

To THE DEPARTMENT OF MINES,

Not in coal area.	Hope Natural G as Company.	
COAL OPERATOR OR COAL OWNER	NAME OF WELL OPERATOR	
	445 West Main St. Clarksbu	re W Ve
ADDRESS	COMPLETE ADDRESS	IS . W . V . C
	January 6, 1947.	10
COAL OPERATOR OR COAL OWNER	PROPOSED LOCATIO	
Surface; ** ISA XXXIX IN INC.	Center,	District
Clen Gainer.	Calhoun	
OWNER OF MINERAL RIGHTS		County
RD#1 Grantsville, W. Va.	Well No. 9101 38° 55	5'
ADDRESS		
	Lee Gainer	Farm
GENTLEMEN:		
The undersigned well operator is entitled to	drill upon the above named farm or tr	act of land for
oil and gas, having fee title thereto, (or as the case	may be) under grant or lease dated	
	by Lee and A.L.Gainer.	
Hope Natural Gas Company.	and macorded on the	28
of Beptember, 1918	, and recorded on the	day
	in the office of the County Clerk for a	said County in
Book 60 , page 88		
and County above named, determined by survey and land marks. The undersigned well operator is informed and of coal beneath said farm or tract of land on which saries of the same, who have mapped their workings are all operators or coal owners (if one) above the same of	believes there are no coal operators of said well is located, or within 500 feet	operating beds
coal operators or coal owners (if any) above named		
The above named coal operators or coal owners desire to make to such proposed location, or which the the drilling of a well at said proposed location will caused mines, must be received by, or filed with the Depart copy of this notice and accompanying plat by said lithat forms for use in making such objections will promptly on request and that all such objections must ground or grounds on which such objections are based location should be moved to overcome same.	by are required to make by Section 3 on the section 3 of	f said Code, if heir respective the receipt of urther notified ment of Mines
(The next paragraph is to be completed only	in Department's copy.)	
Copies of this notice and the enclosed plat were		d to the above
named coal operators or coal owners at their above sor on the same day with the mailing or delivery of	hown respective address	day hefore
Very t	ruly yours,	
2345670	Hope Natural Gas Company.	
9	J. A. Clark	
JAN 100 3	General Superintendent.	
West Virginia. Very t Address of Well Operator	445 West Main St.	
Address of	STREET	
Well Operator)	Clarksburg, W. Va.	12/01/202
Address of Well Operator	CITY OR TOWN	
665521505618	STATE	

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

JARRETT PRINTING COMPANY, CHARLESTON, W. VA.

CAL-933 PERMIT NUMBER



DEPARTMENT OF MINES OIL AND GAS DIVISION

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

TO THE DEPARTMENT OF MINES. Charleston, W. Va. . BETS 1800 Hi Jou Hope Matural G as Company. 445 West Main St. Clarksburg, W.Vs. January 6, 1947. PROPOSED LOCATION Center, SULTED : CARACLERANCE Clen Geiner. 53 38° Well No. 9101 .sv. West ivature 1400 Les Camer FRITTE The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated. June 26, 1918 . TonisO. L.A bas est vd shem Hope Natural See Company. , and recorded on the 28 day of Benterber, 1918 ____, in the office of the County Clerk for said County in The enclosed plat was prepared by a competent engineer and shows the proposed location of a well to be drilled for oil and gas by the undersigned well operator on the farm and in the Magisterial District and County above named, determined by survey and courses and distances from two permanent points, or The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the boundaries of the same, who have mapped their workings and filed their maps as required by law, excepting the coal operators or coal owners (if any) above named as addressees. The above named coal operators or goal owners (if any) are notified that any objections they have desire to make to such proposed location or which they are required to make by Section 2 of said Code, if the drilling of a well at said proposed location will cause a dangerous condition in at about their respective the drilling of a well at said proposed location will cause a dangerous condition in at about their respective coal manes, must be received by, or filed with the Department of Times within tent days from the receipt of a copy of this notice and accompanying plat by said Department. Said coal operators are further notified that forms for use in making such objections will be furnished to them by the Department of Alines promptly on request and that all such objections are based and indicate the direction and distince the posed location should be moved to overcome same. (The next paragraph is to be completed only in Department's copy.) Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the shove named coal operators or coal owners at their above shown respective address.

or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston. Hope Natural Gas Company. General Subair satesaste. 445 West Main St. istout) Hew Clarksburg, W. Va. 12/01/2023

"Section 3 If no such objections be filed or be found by the department of mines, a ten days from the receipt of and motice and plat by the department of mines, to said proposed I ment styll forthwith issue to the well operator a drilling permit recking the filing of such plat have been made by the roal operators, to the location, or sound there a by the department, an approved and the well operator authorized to proceed to drill at said location.

PERMIT NUMBER





OIL & GAS DIVISION DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

Charleston, W. Va.	DATE October 4, 1973
Surface Owner Cleo Gainer	Company Paul B. Bowser dba Lora Oil & Gas
Address Rt. 1, Grantsville, W. Va.	Address 113 Morningside Cir., Parkersburg, W.
Mineral Owner	Farm Lee Gainer Acres 385
address	Location (waters) Pine Run
oal OwnerNone	Well No. 1 (Hope 9101) Elevation 804*
.ddress	District Center County Calhoun
Coal Operator	Quadrangle Arnoldsburg
.ddress	Mn Hanny
	Mr. Harry INSPECTOR TO BE NOTIFIED Holliday
HIS PERMIT MUST BE POSTED AT THE WELL SITE	Box 221 PH: 354-6731
of the W. Va. Code, the location is nereby approved for fracturing. This permit shall expire if perations have not commenced by 2-4-74.	Chanteville
Nobel Toda	
ENTLEMEN:	
The undersigned well operator is entitled to drill upon the above assignments	bove named farm or tract of land for oil and gas, having fee
tle thereto, (or as the case may be) under grant or reserved date	March 5 19 68 by Consol.Gas Su
tle thereto, (or as the case may be) under grant or leave date or poration made toPaul B. Bowser	and recorded on the 30th day of August
tle thereto, (or as the case may be) under grant or leave date or poration made toPaul_B. Bowser	and recorded on the 30th day of August
tle thereto, (or as the case may be) under grant or leave date or poration made to Paul B. Bowser	and recorded on the 30th day of August Page 621
tle thereto, (or as the case may be) under grant or reserve date or poration made to Paul B. Bowser 972, in Calhoun County, Book 061	and recorded on the 30th day of August Page 621 REDRILL XX FRACTURE OR STIMULATE
assignment of the case may be) under grant or the case may be) under grant or the case date or poration made to Paul B. Bowser 972, in Calhoun County, Book 061 NEW WELL DRILL DEEPER OIL AND GAS WELL ORIGINALLY DRILLED B. The enclosed plat was prepared by a registered engineer or line.	and recorded on the 30th day of August Page 621 REDRILL XX FRACTURE OR STIMULATE SEFORE JUNE 5, 1969.
assignment or leave the case may be) under grant or leave date or poration made to Paul B. Bowser 972, in Calhoun County, Book 061 NEW WELL DRILL DEEPER OIL AND GAS WELL ORIGINALLY DRILLED B. The enclosed plat was prepared by a registered engineer or lieave been notified as of the above date. The above named coal owners and/or operator are hereby notified.	and recorded on the 30th day of August Page 621 REDRILL XX FRACTURE OR STIMULATE SEFORE JUNE 5, 1969. icensed land surveyor and all coal owners and/or operators cified that any objection they wish to make, or are required
assignment of the thereto, (or as the case may be) under grant or the case date of the case may be) under grant or the case date of the case may be) under grant or the case date of the case may be) under grant or the case date of the case may be) under grant or the case date of the case may be) under grant or the case of the case may be) under grant or the case of the case may be) under grant or the case of the case may be) under grant or the case of the case may be) under grant or the case of the case may be) under grant or the case of the case may be) under grant or the case of the case may be) under grant or the case of the case may be) under grant or the case of the case may be) under grant or the case of the case may be) under grant or the case of the case may be) under grant or the case of the case may be) under grant or the case of the case may be) under grant or the case of the case may be) under grant or the case of the	and recorded on the 30th day of August Page 621 REDRILL XX FRACTURE OR STIMULATE SEFORE JUNE 5, 1969. icensed land surveyor and all coal owners and/or operators iffied that any objection they wish to make, or are required with the Department of Mines within ten (10) days. * gistered mail, or delivered to the above named coal operators day
assignment of the case may be) under grant or the case may be) under grant or the case date or poration made to Paul B. Bowser 972, in Calhoun County, Book 061 NEW WELL DRILL DEEPER OIL AND GAS WELL ORIGINALLY DRILLED B. The enclosed plat was prepared by a registered engineer or line are been notified as of the above date. The above named coal owners and/or operator are hereby not make by Section 3 of the Code, must be received by, or filed compared to the compared plat were mailed by registered engineer or line above shown respective address made and with the mailing or delivery of this copy to the Depart made day with the mailing or delivery of this copy to the Depart	and recorded on the 30th day of August Page 621 REDRILL XX FRACTURE OR STIMULATE SEFORE JUNE 5, 1969. icensed land surveyor and all coal owners and/or operators iffied that any objection they wish to make, or are required with the Department of Mines within ten (10) days. * gistered mail, or delivered to the above named coal operators day
assignment of the thereto, (or as the case may be) under grant or the case date of the corporation and to Paul B. Bowser 272, in Calhoun County, Book 061 NEW WELL DRILL DEEPER OIL AND GAS WELL ORIGINALLY DRILLED B. The enclosed plat was prepared by a registered engineer or lies are been notified as of the above date. The above named coal owners and/or operator are hereby not make by Section 3 of the Code, must be received by, or filed copies of this notice and the enclosed plat were mailed by registered and owners at their above shown respective address me day with the mailing or delivery of this copy to the Depart Veri	and recorded on the 30th day of August Page 621 REDRILL XX FRACTURE OR STIMULATE SEFORE JUNE 5, 1969. Idensed land surveyor and all coal owners and/or operators Idensed land surveyo
tle thereto, (or as the case may be) under grant or reserve date or poration made to Paul B. Bowser 972, in Calhoun County, Book 061 NEW WELL DRILL DEEPER OIL AND GAS WELL ORIGINALLY DRILLED B The enclosed plat was prepared by a registered engineer or lies are been notified as of the above date. The above named coal owners and/or operator are hereby not make by Section 3 of the Code, must be received by, or filed copies of this notice and the enclosed plat were mailed by registered day with the mailing or delivery of this copy to the Depart very support to the Depart very suppo	and recorded on the 30th day of August Page 621 REDRILL XX FRACTURE OR STIMULATE BEFORE JUNE 5, 1969. Idensed land surveyor and all coal owners and/or operators Idensed land surveyo
tle thereto, (or as the case may be) under grant or leave date or poration made to Paul B. Bowser 272, in Calhoun County, Book 061 NEW WELL DRILL DEEPER OIL AND GAS WELL ORIGINALLY DRILLED B. The enclosed plat was prepared by a registered engineer or line are been notified as of the above date. The above named coal owners and/or operator are hereby not make by Section 3 of the Code, must be received by, or filed copies of this notice and the enclosed plat were mailed by registered and with the mailing or delivery of this copy to the Depart very significant to the copy of the copy to the Depart very significant to the copy of the copy to the Depart very significant to the copy of this copy to the Depart very significant to the copy of this copy to the Depart very significant to the copy of this copy to the Depart very significant to the copy of this copy to the Depart very significant to the copy of this copy to the Depart very significant to the copy of this copy to the Depart very significant to the copy of the copy	and recorded on the 30th day of August Page 621 REDRILL XX FRACTURE OR STIMULATE SEFORE JUNE 5, 1969. icensed land surveyor and all coal owners and/or operators iffied that any objection they wish to make, or are required with the Department of Mines within ten (10) days. * gistered mail, or delivered to the above named coal operators day before, or on the tement of Mines at Charleston, West Virginia. Try truly yours, Sen Name August August FRACTURE OR STIMULATE SEFORE JUNE 5, 1969. Sified that any objection they wish to make, or are required with the Department of Mines within ten (10) days. * Signature of Mines at Charleston, West Virginia.
assignment of the thereto, (or as the case may be) under grant or the case date of the proporation and to Paul B. Bowser 972, in Calhoun County, Book 061 NEW WELL DRILL DEEPER OIL AND GAS WELL ORIGINALLY DRILLED B. The enclosed plat was prepared by a registered engineer or linear been notified as of the above date. The above named coal owners and/or operator are hereby not make by Section 3 of the Code, must be received by, or filed copies of this notice and the enclosed plat were mailed by registered and with the mailing or delivery of this copy to the Depart were day with the mailing or delivery of this copy to the Depart of the code of th	and recorded on the 30th day of August Page 621 REDRILL XX FRACTURE OR STIMULATE SEFORE JUNE 5, 1969. dicensed land surveyor and all coal owners and/or operators diffied that any objection they wish to make, or are required with the Department of Mines within ten (10) days. * Gistered mail, or delivered to the above named coal operators day before, or on the timent of Mines at Charleston, West Virginia. The state of Mines at Charleston, West Virginia. The state of Mines at Charleston of Mines within ten (10) days. * Well Operator
tle thereto, (or as the case may be) under grant or leave date or poration made to Paul B. Bowser 972, in Calhoun County, Book 061 NEW WELL DRILL DEEPER OIL AND GAS WELL ORIGINALLY DRILLED B. The enclosed plat was prepared by a registered engineer or live ave been notified as of the above date. The above named coal owners and/or operator are hereby not to make by Section 3 of the Code, must be received by, or filed copies of this notice and the enclosed plat were mailed by regard the coal owners at their above shown respective address made and with the mailing or delivery of this copy to the Depart Verification.	and recorded on the
tle thereto, (or as the case may be) under grant or reserve date or poration made to Paul B. Bowser 972, in Calhoun County, Book 061 NEW WELL DRILL DEEPER OIL AND GAS WELL ORIGINALLY DRILLED B. The enclosed plat was prepared by a registered engineer or lineare been notified as of the above date. The above named coal owners and/or operator are hereby noted make by Section 3 of the Code, must be received by, or filed are coal owners at their above shown respective address made and with the mailing or delivery of this copy to the Depart of the Code of this copy to the Depart of the Code of the Code of this copy to the Depart of the Code of this copy to the Depart of the Code of the Code of the Code of this copy to the Depart of the Code of this copy to the Depart of the Code of the Cod	and recorded on the
tle thereto, (or as the case may be) under grant or reserve date or poration made to Paul B. Bowser 972, in Calhoun County, Book 061 NEW WELL DRILL DEEPER OIL AND GAS WELL ORIGINALLY DRILLED B. The enclosed plat was prepared by a registered engineer or lineare been notified as of the above date. The above named coal owners and/or operator are hereby noted make by Section 3 of the Code, must be received by, or filed are coal owners at their above shown respective address made and with the mailing or delivery of this copy to the Depart of the Code of this copy to the Depart of the Code of the Code of this copy to the Depart of the Code of this copy to the Depart of the Code of the Code of the Code of this copy to the Depart of the Code of this copy to the Depart of the Code of the Cod	and recorded on the

*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.

CAL-933-FRAC.

_PERMIT NUMBER

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

PROPOSED WORK ORDER TO	O DRILL	DEEPENXX FR	ACTURE-STIMULATE
DRILLING CONTRACTOR: (I	f Known)	RESPONSIBLE AGENT:	
NAMESelf		NAMESelf	T
ADDRESS		ADDRESS	
TELEPHONE Parkersbur	g, 485-5038	TELEPHONE	
ESTIMATED DEPTH OF COME	PLETED WELL: 1810	ROTARY	CABLE TOOLS
PROPOSED GEOLOGICAL FOR	RMATION:Injun		
TYPE OF WELL: OIL	GAS XX C	OMB STORAGE	DISPOSAL
			ODOTHER
CASING AND TUBING SIZE 20 - 16 13 - 10	USED FOR DRILLING All pipe already in well	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
9 - 5/8	arready in weir		
8 - 5/8		782 t	
7		1678'	*
5 ½	Center	10/0	
4 ½	andeblant a com-		
3			Perf. Top
2	0.1 32 01 701		Perf. Bottom
Liners	77. 33 0	AT THE WELL SITE	Perf. Top
PH: SEM-SVIII.	AND DESCRIPTION OF THE PROPERTY OF THE PROPERT	condance at the second	Perf. Bottom
OF PLAT. TO DRILL DEEPER OR REDR SUBMIT FIVE (5) COPIES WELLS DRILLED PRIOR MUST ALSO BE SUBMIT TO FRACTURE - STIMULATE: OIL AND/OR GAS WELL BOND, PERMANENT PLATE OIL AND/OR GAS WELL ING ORIGINAL PERMIT N	ILL: S OF OG - 1, SHOWING ORIGITO 1929, A PERMANENT COTED. ORIGINALLY DRILLED BEFORT AND ORIGINAL WELL RECORDINALLY DRILLED ON A NUMBER, AND PERFORMANCE lied within ninety (90) days of the state of t	INAL PERMIT NUMBER AND TOPY OF THE PLAT AND	COPIES OG - 1, PERFORMANCE O, FIVE COPIES OG - 1, SHOW-
thereof. WAIVER: I the undersigned, A this lease have exam We the	gent for Coal Company	Coal Company, Owner aps this proposed well location have no objections to said world trulations in Articles 4, 5, and 7	or Operator of the coal under on. ell being drilled at this location, Chapter 22 of De West 2023 ia
. 1-1			•
			Official Title

PS Form :	SENDER: Complete items 1, 2, and 3. Add your address in the "RETURN TO" space on reverse.
Form 3811, Apr. 1977 RETILBN	1. The following service is requested (check one). XX Show to whom and date delivered
BN BECEIPT DECISIENE	2. ARTICLE ADDRESSED TO: Ms. Lora C. Bowser 113 Morningside Circle Parkersburg, W.Va. 26101 3. ARTICLE DESCRIPTION: REGISTERED NO. CERTIFIED NO. INSURED NO.
	(Always obtain signature of addressee or agent) I have received the article described above. SIGNATURE Addressee Authorized agent 4. Mark C. Boursel DATE OF DELIVERY POSTMARK OCT 3 1979 5. ADDRESS(Complete only if requested)
	6. UNABLE TO DELIVER BECAUSE: CLERK'S INITIALS

RRELS	DIL PROD	200	MAKE	ACKER	1.363		Top Bottom	Date Size Ca	0	ING	Section Sectio
SAND	UCTION	6/2	SET AT	ω	VOLUME AF		Fi	sing	EMENTED		
		6.00			SO TER				1		
							12/0	1/20	123		

Address

Location (waters).

Farm_



STATE OF WEST VIRGINIA

DEPARTMENT OF MINES OIL AND GAS DIVISION

WELL RECORD

Acres 385

Permit No. CAL- 933

arnoldslung

445 West Main St. Clarksburg, W. Va.

Company Hope Natural Gas Company,

Lee Gainer

cut or Gas Well (KIND) Used in Drilling Left in Well Casing and Tubing Packers Size Kind of Packer.

Location (waters)				16			Kind of	Packer
		F			4			
District Cente	r	_County_ Cal	houn	13	240	340		
The surface of tra	act is owned in	fee by		10		146	See Lines	
			85.00		782	782		1899
				65/8	1678	1678	Depth s	et
		Address					-	
Drilling commenc	ed Februar	ry 8, 1947		3			Perf. to	00
Drilling complete	d March	6, 1947	* * 1	2			Perf. bo	ttom
Data Shot 3-12	1947 From	т То		Liners Used			Perf. to	0
							Perf. bo	ttom
			Inch		the same of the sa			
Open Flow	/10ths Were	in I THEM	Inch	CASING CEM	NOT ENTEDS	SIZE	No. Ft.	Dat
		lbs.			none 1	recorded		
Oil				COAL WAS E	COUNTERED	AT	FEET_	INCHE
			feet	FEE	TINCH	ES	FEET	INCHE
	30		feet					
Sait water			Teet			1		
Formation	Color	Hard or Soft	Тор	Bottom	Oil, Gas or Water	Depth Found		Remarks
oil		Penal Service of the service	0	5				
and			5	20				
late			20	40				
and			40	65	water	50	0	
late			65	95				
ed rock			95	105				
late			105	115				
and			115	135				
late			135	174				
a nd			174	190				
late			190	200				
ed rock			200	220				
late			220	227				
and			227	240	water	23	5	

Кетатка	Depth	Oil, Gas	Bottom	qoT	Hard or Soft	Color	Formation
		SAL Telew SW-Lio Woda BBS	7885 70 70 70 70 70 70 70 70 70 70 70 70 70 7	7440 7690 7690 7690 7690 7690 7690 7690 769	Turkey)	12/01/	Pic Lime Pencil cave Pencil cave Tring Sair State Tring Sair State Tring Sair State Tring Sair State Tring Sair Sair Sair Sair Sair Sair Sair Sair
			275 255 435 435 545 545 545 545	245 345 345 345 345 345 345			Total depth
	85 6	Toden	11.5 120 120 120 120 127 127 127	201 201 201 201 200 200 200 200			ora bu ota bu ota ota bu
	ev ones.	ne de W	05 04 05 05 05 06 002	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			
Researts	Patrick Land		Pottors	doT-	to brall	tolo's	Fermation
SAHONI T	1977 - 21 1978 - 25	HOME SEE		.blds., 7st 24 brs.	and Williams	Ĝ√S 01	Oil Frash water 50 Salt mater
Date Date	VIII No.	enon service s	MS DUBAD	Jack Cu Ft.	Total Control of the	outer ton	
got h	Pe	1011	fiery a mily	rionk.	ot ** * * 1 LO	1967 From 196 US Author Water	Drilling complete Date Shot , 5=12 With Open New
to social	1678 D	I ST	879 			iswice L	
	aav.	946. 887	61 01 10 10 10 10 10 10 10 10 10 10 10 10	A DO	County Date		
Laskoz Tás In	iX .		B(se	685 serv. 403 yel			Parch Location (waters Well No. 2401
Packers	nt Ne.1	of New I	Carling and Tubling	- • 50 • • t 50			Company 150 pe
Barrier and Barrier	7 10 10 100	200	RECORL	WELL		699	Permit No. OAL

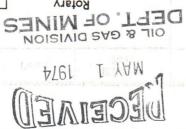
APPROVED Hope Natural Gas Company.

By General Mapper intendent.

(Title)

Jowner ,-

Permit No. CAL. 933 - HAC



Storage

Spudder Rotary

Cable Tools

1



WINES

NOISI

3D	O	0	3	Я	7	13	N

OIL AND GAS DIV	32709 92/0°
DEPARTMENT OF	
STATE OF WEST VIR	
JANES .	

					1 28 37		
						1	
	na por papionismo i de estrumba s		The second of the second			en la kei sini	
S	y .			la la			
atelog a strategi							
			v * v				
			= 100				
							**
	8 0						
Кетагка	Depth	vater Water	Bottom	qoT	1JoS	Color	Formation
		Oil, Gas			Hard or		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
L1-508	1 78-	Depth /77/			U	nluj	roducing Sand
	Feet.		Salt Water		Teet.		Fresh Water
	~10 700	,	HOURS	26/	YLWENT	S AFTER TRE	ROCK PRESSURE
'w181 8'h	18 150 0	516 21053	sold Indu	ארכת שלב וני	/ DUBIC	TKAKTAG	L datav I IIIsad
1 W J & 1 & 1 B	# 000	TE pur.	V STRW B	פרף לבדירה	18 36,000 91	ED (DETAILS	MELL FRACTUR
SAHONI LAS	12 521	INCI	aa				
SET INCHES		ET INCH ENCOUNTERED		'SIU +7 1SI ''SIGO			METT VCIDISED
				Sid he is a his	.841	01995	Oil
		nent used (bags)	Amount of cen	Cn. Ft.	и	1 41	əmuloV
FtDate	SIZE No.	IENTED	CASING CEM	Inch.	ni	\10ths Merc.	
		cementing record.	Attach copy of	Inch	ni '		
erf. top			Liners Used		TT		Date Shot
erf. bottom					Lns1 17 70		
erf. top	ı		ε	66-2-11	ddress 1947	UNC P	eommoo guilling
			5/1⊅				
	*	1	91/8 \$				
Septh set 1755	8 271	8671 186	*\$9 t	12010	ddress Grant	of ni bənwo si t A	The surface of trac
x x 8/2 9 to exis	5	386	01	uney	County C'AL	12	District Con I
			13	Elev. 804	County Car	1 (140 pc	Well No.
Kind of Packer Hock to	I		91		чъ	بي بي د اي	Location (waters)
			əsis	28E 8910A		GHINEN	Farm Lec
Packers	ai Melt in	Used in Brilling	Casing and Tubing	191710 WIO	Ser Den L	12 12000	Company VALL
(KIND)	CMO 10 115		-	V			
St 9 IIaW	Oil or Gas		C) 100 T) 1		2411	~ CCL .	Permit No. CM &

Date April 29 Jany 12, Boward Janwo , APPROVED 12 61 " 12/01/2023 To braH Soft Pepth Found Oil, Gas Top Color Remarks Bottom Formation





OIL & GAS DIVISION DEFT. OF MINES

State of Mest Virginia

Pepartment of Mines Gil and Gas Pivision Charleston 5

May 2, 1974

Lora Oil & 113 Mornin	. Bowser dba/ Gas Co. gside Circle g, West Virginia	IN RE:	PERMIT NO. CAL-933-FRAC. FARM Lee Gainer WELL NO. I COUNTY Calhoun
Gentlemen	:		
office ma	de up of omissions that we by Law to be reported. Onl	usually fi	ion records received in this nd on Form OG-10, and which ar checked will apply to your
	Cementing record from th	e Service	Company.
	Rock Pressure reading to obtain rock pressure	reading (H	ours)
-	At what depth was fresh Salt water		ed?
	What casing was used in	drilling?	
ethnocoupatine/home	What casing was left in	the well ?	New programme and the contract of the contract
Market Control of Control	Was well fractured?	den gricon allein diffici dall'i dall	Give details
ХХ	Initial open flow after BBLS. of Oil fracturing When did XXXXXXXXXX begin? XXXXXXXXXXXXXXX fracturing	Nov.	7, 1913 . When was

Please return this form with requested data as soon as possible.

Very truly yours

Deputy Director
Oil and Gas Wells Division

12/01/2023

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION



OIL & GAS DIVISION DEFT. OF WINES

INSPECTOR'S WELL REPORT

Company PAUL B. B. Success Aba Language Casing and Tubing Used in Well Well 113 MARK TUCGER C. IR. Size	PACKERS
G:	
Address PHSBS, WVA 26101	
Farm	Kind of Packer
13	PARTICE FRA
Well No. I (HOPE 9101) 10 146 146	Size of
District CENTER County CALGOON 81/4 782 787	2" X6 3/8
Drilling commenced 9-24-73 6% 1678 1678	Depth set
CE THROUGH 2"- 1710-1818" FRALTO-1818" 53/16	1710'
Drilling completed 10 35-73 Total depth 18 35 3	Perf. top
Date shot	Perf. bottom
Initial open flow/10ths Water inInch Liners Used	Perf. top
Open flow after tubing/10ths Merc. inInch	Perf. bottom
VolumeCu. Ft. CASING CEMENTED NOWE SIZE	No. FTDate
Rock pressurelbshrs. NAME OF SERVICE COMPANY	
Oilbbls., 1st 24 hrs. COAL WAS ENCOUNTERED AT NO.	FEETINCHES
Fresh water 135 feet feet FEET INCHES	FEETINCHES
Salt water 1905 feet feet FEET INCHES	FEETINCHES
Drillers' Names PAUL ALCHMING P, BOWGER,	
- Cun EPVOOE	P
Remarks: WELL CLEARED SUT TO 1885 B.LIME. 1865-1747 P. PLUS -CEMENT - 1885-1818 D. INNON-1747-1822-	

17-15-73 DATE

SWABBING WATER

A.a. Holling

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No				We	II No	
OMPANY	•		ADDRESS		7 2	
ARM		DISTRICT		OUNTY		
illing Material Used					¥.	
iner L	ocation	Amount	Packer	Location	The state of the s	
PLUGS USED	AND DEPTH PLACED		BRIDGES	CASIN	G AND TU	BING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST
	-					
	-					
and a second						
rillers' Names		4				
-			1			
emarks:						
DATE	I hereby certify I	visited the abo	ve well on this date.			
DATE						



State of Mest Mirginia

Department of Mines Oil and Gas Division Charleston 25305 October 2, 1979

ROBERT L. DODD - P. E.
DEPUTY DIRECTOR

WALTER N. MILLER DIRECTOR

Lora Oil and GAs Company c/o Ms. Lora C. Bowser 113 Morningside Circle Parkersburg, W.Va. 26101

In Re: PERMIT NO CAL-933-FRAC.

FARM Lee Gainer (Cleo Gaines)

WELL NO 1-9101

DISTRICT Center

COUNTY Calhoun

Gentlemen:

The Final Inspection Report for the above described well has been received in this office. Only the column checked below applies.

The well designated by the above permit number has been released under your Blanket Bond.

XXXXXX Please return the enclosed cancelled Single Bond which covered the well designated by the above permit number to the Surety Company who executed said bond in your behalf, in order that they may give you credit on their records.

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

Very truly yours,

Robert L. Dodd

RLD/chm

Encl: Single Bond dated 10-4-73 (Ohio Farmers Ins. Co.)

(Well sold to: Emory C. Waggoner 9-28-79)

DEPARTMENT OF MINES ENERGY

OIL AND GAS WELLS DIVISION

APR 2 3 1986

INSPECTOR'S WELL REPORT

Company Lora	Oil YS	eus	CASING AND TUBING	USED IN DRILLING	LEFT IN	PA	CKERS
Address			Size		- 20-3	18.11.12	
Farm See 5	Laine		16			Kind of P	acker
Well No.			13	**************************************			
District Center			81/4			Size of	
			6%			Depth set	
Drilling commenced			5 3/16				
Drilling completed			3			Perf. top_	
Date shot	Depth of sho		2			Perf. bott	om
Initial open flow	/10ths Wa	ter inInch	Liners Used				
Open flow after tubing	/10ths Mer	c. inInch				Perf. bott	om
Volume		Cu. Ft.	CASING CEMEN	TED	SIZE	No. FT.	Date
Rock pressure	lbs	hrs.	NAME OF SER	VICE COMPA	NY		
Oil	bi	ols., 1st 24 hrs.	COAL WAS EN	COUNTERED	AT	_FEET	INCHES
Fresh water	feet	feet	FEET_	INCH	ES	_FEET	INCHES
Salt water	feet	feet	FEET_	INCH	ES	_FEET	INCHES
Drillers' Names							

4-19-86

Was Margo 1/2023

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No.				Wel	No	
COMPANY			ADDRESS			
FARM		DISTRICT_	C	OUNTY		,
Filling Material Used	(28			
Liner Loc	ention	Amount	Packer	Location		
PLUGS USED A	ND DEPTH PLACED		BRIDGES		G AND TU	
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LUCATION	RECOVERED	SIZE	LOST
					× 1	
3						17777
		and the state of t				
				-		
				,		
derimin on exten			Control of a Captures			
Drillers' Names	20164.91					
1			ngan ayan ga aga sa sangan sa na nasanan na kana ar ka	7		
Remarks:		and the second second second second		200 200 200 200 200		
i .						
ž ė	I hamalan andida .	-l-la-d al 1				
BATE	I nereby certify I v	risited the abov	re well on this date.			

12/01/2023
DISTRICT WELL INSPECTOR

	· MEGER
1.0 API well number: (If not available, leave blank, 14 digits.)	013-0933 Mag
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	108 Section of NGPA Category Gade Category
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	teet TE M. N.
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Emory C. Waggoner Name P 0 Box 1103 Street Elizabeth, WV 26143 City State Zip Code
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters meximum for field name.)	Field Name Calhoun WV County State
(b) For OCS wells:	Area Name Block Number Date of Lease:
(c) Name and identification number of this well: (35 letters and digits maximum.)	Mo. Day Yr. OCS Lease Number Gainer Well No. 1
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	Cabot Corporation 002733 Name Boyer Gotte
(b) Date of the contract:	(0.47 0 1 17 8 Mo. Day Yr.
(c) Estimated annual production:	
	(a) Base Price (b) Tax (c) All Other Prices [Indicate (b) and ic] (d) Total of (a).
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	678
3.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	2.922 2.922
Agency Use Only Date Received by Juris. Agency WAR 1 0 1981 Date Received by FERC	Emory C. Waggoner Name Title March 6, 1981 Date Application is Completed Signature Owner Title Owner Title

WELL OPERATOR: Emory C. Waggoner	_ NA
FIRST PURCHASER: Cabo + Corp.	
OTHER:	
W. Va. Department of Mines, Oil & Gas Division WELL DETERMINATION FILE NUMBER 81 - 3-10 - 108 - 013 = 0933 Uso Above File Number on all Communications Relating to Determination of this Well	Huzzey
CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSI	NG
ITEM NO.	
1. FERC -121 Items not completed - Line No	.0 + 8.0 D,C
2. IV-1 Agent	
3. IV-2 Well Permit	
4. IV-6 Well Plat	
5. IV-35 Well RecordDrilling	
6. IV-36 Gas-Oil Test: Gas Only Was Oil Produc	ed? Ratio
7. IV-39 Annual Production /4 month	
8. IV-40 90 day Production Days off li	ne;
9. IV-48 Application for certification. Complete?	
10-17. IV Form 51 - 52 - 53 - 54 - 55 - 60 - 57 - 58 Complete?	
18-28. Other: Survey Logs Geological	
Structure Map 1: 4000 Map Gas Analyses	well labulations
(5) Date commenced: 01-02-47 Date completed 03-06-	47 Deepened
(5) Production Depth:	
(5) Production Formation:	
(5) Final Open Flow:	
(5) After Frac. R. P.	
(6) Other Gas Test:	
(7) Avg. Daily Gas from Annual Production: 766 = 10.1 MC	F, 01 366 = 0.098 BB1
(8) Avg. Daily Gas from 90-day ending $w/1-120$ days $90=10.7$	
	PSIG from Daily Repor
(5) Oil Production: yes From Completion Report	
10-17. Does lease inventory indicate enhanced recovery being done	
10-17. Is affidavit signed?	1
Does official well record with the Department confirm the submitted	d information?
Additional information Does computer program confi	rm?
Was Determination Objected to By Whom?	

JUN 2 4 1981

PARTICIPANTS:

BUYER-SELLER CODE

FORM	IV-	56WC
[12-7]	81	

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

Date	March 6,	, 19 <mark>81</mark>
Operator's Well No.	1	
API Well No. 47	- Calhoun	- 933

WELL CLASSIFICATION FORM

STRIPPER GAS WELL

NGPA Section 108

		ADDRESS
WELL OPERATOR	Emory C. Waggoner Box 1103	LOCATION: Elevation 804 Watershed Pine Creek
GAS PURCHASER	Elizabeth, WV 26143 Cabot Corp. P O Box 1473	Dist Center County Calhoun Quad Arnolds burg Gas Purchase Contract No. 1-439
	Charleston, WV 25325	Meter Chart Gode Date of Contract 07-01-78

Provide a complete inventory of the lease and production equipment used for the well for the previous 24 months or, if less than 24 months, the period the well has been in production. Include a complete list of equipment or processes used in connection with recognized enhanced recovery techniques during completion or production. (Attach separate sheets, if necessary.)

782 ft of 8½ Casing
1678 ft- 6 5/8 Casing
1780 ft - 2" Tubing
1780 ft of Pumping Rods
1 - Pumping Jack and Motor
100 BBL Oil Tank
1 - 8 ½" 30' Drip
3000' - 2" Pipe - To transport Gas to Cabot Meter

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

Production Records
B & O Tax Records
Royalties Record
County Tax Record
Federal Tax - Sch C

Records kept at owners address: Elizabeth, WV

FORM	IV-	56WC
(Reve	rse)
[12-7]	8]	1

Describe the search made of any records listed above:

None

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.

AFFIDAVIT

I, May C. W Mg , having been first sworn according to law, state that I have caused to be made a dilight 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 of my information, knowledge and belief, the well for which this certification is sought qualifies as a stripper well

Emary C Waggoner

STATE OF WEST VIRGINIA,

COUNTY OF WIRT . TO WIT:

I, L. DAVIO HARD , a Notary Public in and for the state and county aforesaid, do certify that EMORY C. WAGGONER, whose name is signed to the writing above, bearing date

the 7th day of March , 19 81, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this $\frac{74}{100}$ day of $\frac{100}{100}$ My term of office expires on the $\frac{284}{100}$ day of $\frac{100}{100}$, 19 $\frac{80}{100}$.

L. Vair Thank

[NOTARIAL SEAL]

12/01/2023

OPERATING COMPANY LORA OIL & GAS COMPANY

If you have any questions please call Robert L. Dodd in Charleston Ph: 348-2055

RESPONSIBLE AGENT

Lora C. Bowser, Exec.

Estate of Paul B. Bowser

023

Filles-Oli alla das pivistoli (Madicioliai Iorilis are eliciosed	Minor-Oil and Car Division (Additional forms and onclosed for voin convenience)	This information is not applicable to the WV Dept, of	** 11-2-77			Gas sold to CABOT CORPORATION as reported on FPC Form #314-B Calhoun	**	County-District-Farm Acreage-Year Drilled-Original Operator	WELL IDENTIFICATION (May be omitted if Permit No. is known)
וטו אַטעו בטוו	לפא עסווא כפא					Calhoun			COUNTY
cu (cuce)	on ioncol				411	Order No.	**		PERMIT NO.
								Oil-Bbls. Gas-Mcf.	CUMULATIVE
				1 1 1 1 1 1 1		Mcf,	Bbls,	PRODUCTION	1976
						1		FORMATIONS	PRODUCING (O
						•		DEPTH	FORMATION

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
CHARLESTON
25305

LORA OIL AND GAS COMPANY c/o MS. LORA C. BOWSER 113 MORNINGSIDE CIRCLE PARKERSBURG, WEST VIRGINIA 26101

lete record in our computer program.

DEFT. OF MINES

DECEIVED

VISION

DEPARTMENT - MINES STATE OF WEST VIRGINIA DIVISION - DIL AND GAS

OPERATOR

Emory C. Waggoner

(Gainer Well No. 1)

GAS VOLUMES IN MCF @ 14.73 OIL IN BARRELLS @ 60 DEGREES REPORT OF MONTHLY PRODUCTION

REPORT 023
March 6, 0981

TOTALS

YEAR 1980

GAS DAYS ON LINE OII BBL API YEAR OIL BBL GAS MCF API DAYS ON LINE MCF 19 81 J-FARM Gainer FARM Gainer 287 282 31 F 320 329 28 277 A-COUNTY Calhoun COUNTY Calhoun 292 30 3 329 AVG: FIOW PRESSURE 10 PSI AVG: FLOW PRESSURE 10 PSI • 295 J-296 A--312 S-304 30 SHUT-IN PRESSURE __ w SHITT-IN PRESSURE 0-293 Z 338 140 PSI 140 PSI D-359 OIL GAS OIL GAS 3702

TOTALS

365

36

59

SUMMARIZATION SCHEDULE Section 271. 804 (b)

In accordance with Section 271.804 (b) please list all other wells which are to be used in determining this well classification under Part 271 Subpart H.

AFI NUMBERS

NAME OF	6201810810	LEASE No.	LEASE No. 74 MAN A ACRES & P.	Cpro	6	,	2			
		RE	RECORD	1/4	N.	S	DE. W.	BY DISTRIC	Pollson	DING
" CONOC	FORMATION	TOP BOTTOM	OIL AT	GAS AT	WATER AT	FRESH	4	1 63	B	G
Server 19th	1000001				235	- 6		PUT IN WELL	PULLED	CEMENTED
mence 2000 10 40 1 2000 2000	Blo Douskand	801 980		wood			10 3/44. Cash 2.75	142	-	Date
ntractor So Long Sign Super	Jes Sand	1	51	050000000000000000000000000000000000000		. 60 0	in. Cashing	20641	Top	Top Ft.
	2ndSalt	10			1430		518 in. Casing	10/0	Б0	Bottom Ft.
te Shut In	10/28/2010	101	00		505-10		in. Tubing			
te Turned On 3 - 1 - 14 - 5tt	Simila Laisone	1628 1650	6/01/12.01.01	10	16-8691.		in. Tubing	Service.		
te Disconnected	Sig Lines	1		11-01				SHOOTING		
te Sold te Re-Purchased	9	1111		1805-19	- /	3	DATE QUIS.		VOLUME BEFORE	E VOLUME AFTER
te Plugged	erab er					1	1/4	1000	3 49.363	3-12/400
To Cert. Sent D. of M.										
wation & DH'	Total Depth	1925	0)	*	*		9. ed). 2. 1. 1. 1.	10 To	42.3	
	VOLUME	AND PRESSURE	RE TESTS						450	mare of the second
DATE TAKEN READING LIQUID	OPENING POUNDS PRESSURE	1 MIN. 5 MIN. 10	10 MIN. 30 MIN.	60 MIN.	ROCK	VOLUME	SAND		PACKERS	RS
16. 30 1844 48/10 Waster	W. S.					10,493	Sas Sa	Size Size	186	SET AT
29" 21/10 Nave:	W.S.	60	18 39	6	2000	1.400	""	THE RESERVE OF THE PERSON OF T	5	1676
423		110						DATE	DATE BARRELS SAND	DUCTION
		A Company			•					
a a										