

O'Oriskany 6-4 NEPTUNE

255 755



STATE OF WEST VIRGINIA DEPARTMENT OF MINES

OLAGASCIVISION DEFT OF MINES

Oil and Gas Division

WELL RECORD

Quadra	ingle <i>Belle</i> 4	ulle
Permit	No. 186-15	621

Rotary	Oil
Cable madding	G884 Q
Recycling	Comb.
Water Flood	Storage
Dispos41	

Permit No. \$196-1421					d Storage
				Disposal	(Kind)
Company Krennermon Oll + Bus		Casing and			The state of the s
Address 131 N. Ebertuart Rd. Butler	<u> La </u>	4	Used in	Left	Cement fill up
	768	Tubing	Drilling	in Well	Cu. ft. (Sks.)
Location (waters) <u>unummed branch</u>		Size	and the property of the control of t	1889/00/20 menoration notes energias vario e realizar alto valves presentantes a	
Well NoEi	V. Jan Gar	2546	Maria e Condida		
District Grant County disc	Kson .	Cond. /3"	30"	all controls	/30 ska.
The surface of tract is owned in fee by		79-10,	A COMMISSION OF THE STREET STR	625	
L.E. Kurdette	- The same of the control of the same of t	9 5/8	And the second s	And the second s	
Address Rit 1 Murragouille La	1.1/2.	8 5/8	851	CONTRACTOR STATE CONTRACTOR CONTR	
Mineral rights are owned by L.E. KLYVele	ik.		1666	The first of the contract of t	
Address Rt. 1 Movements	uille.	5 1/2	ant francisco com a figlia calle Consell qu'il a qu'il de Carros a accessicana a casa	ter i samo (a me il seriman alimente e mon e sendendo e establisha alimente establisha.	
Drilling Commenced Seat, 9,1972		4 1/2	MC TOWNS CONTROL OF STREET	4442	
rilling Completed Nigg 15, 1978		Charles and a second decision of the second	nt, Ambardi wakishin nandari manazi Caunti saCi sarata di dangan Adagawan wa	To the second second second second second second	
nitial open flow 10 kg cu. ft		And the second s	en fijnske bildere om de konstrukter som en	Constitution of the Consti	
inal production 40 m cu. ft. per day	bbls	Liners Used	The Chinese Commerce of the Chinese Commerce Com) - Market Contractive Contrac	
Vell open				B. Credit is for minimal requirement and accompany appropriate and by a community of the co	
Vell treatment details:		Attach copy of c	ementino rec	Cara lama	
Dunged 852 bb/	· mades				
365 6 30/1	damanandi bilika da	inar On Control Albert 4 - Lime Colomor (1886) (May a Limbiro de El Layon Cala William) (Milliam) e trapezza describado (April O Control Albert 4 - Lime Colomor (1886) (May a Limbiro de El Layon Cala William) (Milliam) (Milliam) (Milliam	A Trada and trade and trad	- PPE SECOND ENGENHERMANIAN CONTRACTOR OF SECOND ENGENHERMAN	темперия и пот при
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\$000 Q 10 (I an block l	тту стиновай то може насточного образований с домномення с довтого бать до горозават оброду образова - Такжений добого протива мого с надвого образований противодительного противодитель	eresző citálógia a jányászákérrek bakászásásátálák tölteszeri – 65 évenszos a 220- ása	entrem (standy), reported respending to the report control state to the state of th	en managado en espanya person especial por com la person del meste con como con como con como como del considera de con con con como como como como como co
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Spend	20	45		4 /	
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Formation Color Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water * Remarks
Red Rock	Ö	S D	
Sand	20	45	water (hole full)
Red Rock	45	65"	
Shote	65	70	en de la companya de
Red Rock	70	75~	· ·
Line	75	100	- American
Red Rook	100	300	9
Spri	200	dio	water 3 BB/hr.
Red Rock	210	at 25 7	i beauti
Swad	227	الأستان	water 3 864/hr.
in a war will	271	275	
Slotz	275	365	38 P
Red Kock	365	375	
Line	375	453	
5 to 19 al	453	475	
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5 10 35 02	500	530	
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(over)

^{*} Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Rect	Bottom Feet	OB. Cap or Water * 10 marks
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	Laime E		1277	375	
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	Lance		1864	1969	
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	5/m/=		2.845	236*	
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APPROVED Joseph P. Kahley O. ...

MARK SIN SIRE

FORM WW-2(B) FILE COPY
(Obv CT)

JUL 21 1987



1)	Date: 7-8	, 19.87
,		

2) Operator's L.E. Burdette

3) API Well No. 47 035 /

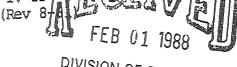
STATE OF WEST VIRGINIA

DIVISION OF OIL & GAS EPARTMENT OF ENERGY

DEPARTMENT OF ENERGY, OIL AND GAS DIVISION APPLICATION FOR A WELL WORK PERMIT

				,	,				
4) WELL TY	PE: A C	il	/ G	33 <u>/</u>	_//				
	B (1	f "Gas", l	~ ~	ni		_/ Underground		Deep	/ Shallow //
5) LOCATIO		vation: _	Gran	+		_ Watershed: _ County:	Lamp Run Jackson 03		eek Bod Creek WV 55.
		strict: Rubín		105 1	or con		7) DESIGNATED		k Rubin
6) WELL OP			Bridge		<u></u> . 000.		Address	1007 C B	ridge Rd.
Address	100	1-10-	. III		314		2 4 4 4 4 5 5 5	Charleston.	WV 25314
	Sia	riesiur			2		9) DRILLING CO		
8) OIL & GA		_	habock				Name	/1	
Name	Jeri P	<u>-y 189</u>	riasocr				Address	-	
Address	$\frac{\lambda}{R}$	oley.	WV	252	7/		2 4 44 4 4 5 5 5		
0) PROPOSE	D WELL	WORK:	Drill	~	_/ Drill	deeper	***************************************	Stimulate	
-,	!		Plug o	ff old f	formation	Perfo	rate new formation.		
			Other 1	hysical	change ly	well (specify)	<u> </u>		
(I) GEOLOGI	CAL TAR	GET FOR	MATION	Ι,	<u>De</u>	vanian Si	hale		
12) Estima				3	900	feet	:		
13) Appro				<u> </u>	all	feet; sal	t,	feet.	
14) Appro			tha.	Jee	wince	ya Is co	oal being mined in the	area? Yes	/ No/
(5) CASING			ν	ULIT	REON!	a	-		
CASING OR	11		CIFICATION	ıs	91	FOOTAGE	INTERVALS	II CEMENT FILL-UP	PACKERS
TUBING TYPE		1	Weight	ą.		Eng deilling	Left in well	OR SACKS (Cubic feet)	
	Size	Grade	per ft.	New	Used	For drilling	Test at west	(Cubic reev)	Kinds
Conductor	/3'	 	 	 	1		6251.	1	E INCO
Fresh water	10	-	1	1	1	625	1023		Sizes
Coal	100	ļ	 	 		851'			31215
Intermediate	8%	 	 			1 - 4 - 6 /	<u> </u>	-	
Production	7	-	 	 		1666	1 111/5/	-	Depths set
Tubing	4/2	ļ	 	 		4442	4442'	\	
Liners	1	 			ļl			<u> </u>	Perforations:
					1				Top Bottom
				J					
,	1					OFFICE USE			
						DRILLING P	ERMIT /		
	47	-035-1	421-FI	RAC			LIVIY	27	19 87
Permit number_							<u> </u>	Da	ite
				11.1		. balan is suidana	of permission grant	ed to drill in accorda	nce with the pertinent legal re-
This permit cov	ering the	vell operat	or and w	ell locati Lherein	and on th	e reverse hereofai	otification must be a	iven to the District Oil	land Cae Inchestor (Refer to
o 8) Prior to the	he constru	ction of ro	ads. locat	ions and	l pits for a	any permitted work	k. In addition, the v	vell operator or his co	l and Gas Inspector, (Refer to ntractor shall notify the proper
district oil and	gas inspect	or 24 hou	rs before	actual p	ermitted v	work has commend	ced.)		
The permitted v	vork is as i	described i	n the Not	ice and .	Application	on, plat, and reclai	mation plan, subject	to any modifications	and conditions specified on the
reverse hereof.	Ju	14 27	7.						
Permit expires	,	,	1989			unless w	ell work is commence	d prior to that date and	d prosecuted with due diligence.
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Bond:	Agen	t: /	Rlat:	(AZ	ing	Fee WPC		Other	
I(X).	(K)	$\mathbb{R}^{\mathbb{N}}$	K)	X	1. 19	20 0			
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U		V		V		- V	(loh 21	(lake L)	he Total
NOTE: Keep	one convi	of this ner	mit posteo	at the	drilling lo	cation.	Director, Di	dision of Oil	and Gas File
o.z. neep	circ coby	per	posici				DESCRIPT, DI	ATSTOTE OF OTT	and Gas File





DIVISION OF OIL & GAS DEPARTMENT OF ENERGY

State of West Wirginia Department of Mines Gil und Cas Bivision

Date	1-29-88	
Operator	s	/
Well No.	L.E. Burdette	
Farm L.E	. Burdette	
API No. 4	7 - 035	1421 -

WELL OPERATOR'S REPORT

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

IOCATION: Elevation: 755 Watershed (amp Kun o	t fond	Creek		
District: Grant County Ja	ckson	Quadrangle	fond C	rock fell	40k.0
Day sare Tra				AND DESCRIPTION OF THE PROPERTY OF THE PROPERT	
COMPANY RUBTN RESOURCES INC ADDRESS 1007 C BRIDGE RD. CHAS WV 25314		Used in	TOFF	Cement	
	Casing			fill up	
ADDRESS 1007 C. BRIDGE RO CHAS WV 25314	Tubing	Drilling	IN MEIT	CU. L	L.
	Size 20-16				
SURFACE OWNER L.E. Burdette	Cond.	70			
ADDRESS RT. 1 Murraysville WV	13-10"	625'	625		
MINERAL RIGHTS OWNER Same	9 5/8				
ADDRESS	8 5/8	851			en menten en e
OIL AND GAS INSPECTOR FOR THIS WORK Jorry	7	1666			man menonical district
Tophybook ADDRESS Rt. 1 Ripley WV 2527	5 1/2		-		personant mentine
PERMIT ISSUED 7-27-87	4 1/2	4442.	4442	_	
DRILLING COMMENCED N/19	3		<u> </u>		
DRILLING COMPLETED //p	2 3/8 v/s	4			
IF APPLICABLE: PLUGGING OF DRY HOLE ON	Liners		**PV/CS/CS/CS/CS		
CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED	used				tembro de locales
ON			Ì		
GEOLOGICAL TARGET FORMATION Dewnian Sha	, le	Dep	oth	<u> </u>	feet
Depth of completed well feet	Rotary	/ Cabl	e Tools_	-	
Water strata depth: Fresh feet;	Salt	feet	:		
Coal seam depths:	_ Is coal	. being mir	ned in th	e area?	
OPEN FLOW DATA					
Producing formation <u>Devanian Shall</u>	e Pa	y zone dej	oth	-	feet
Gas: Initial open flow 94 Mcf/d	Oil: Ir	itial oper	n flow	В	bl/d
Final open flow 94 Mcf/d	Fi	inal open :	flow	B	bl/d
Time of open flow between in					
Static rock pressure 340 psig(surfa					
(If applicable due to multiple completion					
Second producing formation		ay zone de	pth		feet
Gas: Initial open flow Management	Oil: I	- nitial ope	n flow	P	Bbl/d
Final open flow Mc	<u> </u>				A157

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

Perforating: Shale

34 Perforations

0000> 2910 Top Perforation

Source 3824' Bottom Perforation

Fracturing: Shale
771 5ks. Sand
75 Quality Foam
Single Stage

WELL LOG

Alleghag and an Againment Sug grapp and wing a

FORMATION COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Chaulus por place (Control of Control of Con				
		MONETON EXPERIENCE		
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(Attach separate sheets as necessary)

- <u>1 - 1 - 15 45</u>	Rubin Resources Inc.
We.	ll Operator
By:	Rick Rul-
Date:	1-29-88

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 will, encountered in the drilling of a well."



OIL & GAS DIVISION DELT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION



waters) Un home broudy Elevation Z County D Coun
IN Eberhot Rd. Butler, Par. Bude the Acres 45 waters) Un home bronch Elevation 7 County to County
waters) Un home brondy Elevation Z County D Coun
TED R. Chard Morris O. Box 372, Grantsville, W.Va 1-7259 farm or tract of land for oil and gas, have a grant of land for oil and gas, have a gr
Elevation 7. County Property C
IED R. Chbr. 1 Morris O. Box 372, Grantsville, W.Va 4-7259 farm or tract of land for oil and gas, have a seconded on the 122 day of 14
IED R. Chbr. 1 Merris O. Box 372, Grantsville, W.Va 4-7259 farm or tract of land for oil and gas, have a seconded on the 122 day of 14
farm or tract of land for oil and gas, has seconded on the \$\frac{1}{2} 22 \\ day of \$A\$
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$\frac{19.18}{19.77}$ by $\frac{18.13}{19.22}$ day of $\frac{18}{19.18}$
75
RILLFRACTURE OR STIMU
NE 5, 1969.
d surveyor and all coal owners and/or op
ny objection they wish to make, or are ro Department of Mines within ten (10) days
l, or delivered to the above named coal op day before, or coines at Charleston, West Virginia.
urs,
Well Operator
04 Fitzbook St.
Street
A
Epuensissos d
City or Town
City or Town La. Un. 26164

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

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

PROPOSED WORK ORDER TO DRILL		_ DEEPEN FRACTURE-STIMULATE	
DRILLING CONTRACTOR: (If Known)		RESPONSIBLE AGENT:	
NAME Brennerman Oul & Gios		NAME Joseph Krantsky	
ADDRESS 171 N. Eberhart R.J. Butler Pn. TELEPHONE 412-482-4065		ADDRESS 204 Fitzhigh St. Revenues TELEPHONE 273 2798	
ESTIMATED DEPTH OF COM	PLETED WELL: 4500	ROTARY	_ CABLE TOOLS
PROPOSED GEOLOGICAL FOR	RMATION: Oris Kwing		
TYPE OF WELL: OIL	GAS/ COM	MBSTORA	GE DISPOSAL
	RECYCLING	G WATER F	LOODOTHER
TENTATIVE CASING PROGRA	M:		
		androse services and the services of the control of the control of the services of the service	
CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20-16-		**************************************	
13 - 10	20'		
9 - 5/8		600'	200 SALKS
8 - 5/8	800'		
7	1700'		
5 ½	The state of the s		
4 ½	La company and the latest and the la	4500'	50 SACKS
2			Perf. Top Perf. Bottom
Liners			Perf. Top
	The state of the s		Perf. Bottom
OF PLAT. TO DRILL DEEPER OR REDRI	ILL:		
SUBMIT FIVE (5) COPIES WELLS DRILLED PRIOR MUST ALSO BE SUBMITT	TO 1929, A PERMANENT COP	AL PERMIT NUMBER A Y OF THE PLAT ANI	AND PERFORMANCE BOND. ON THE ORIGINAL WELL RECORD
TO FRACTURE - STIMULATE:			
	ORIGINALLY DRILLED BEFORE	E JUNE 5, 1929, FIVE (8	5) COPIES OG - 1, PERFORMANCE
BOND, PERMANENT PLA	T AND ORIGINAL WELL RECO	RD.	
ING ORIGINAL PERMIT N	UMBER, AND PERFORMANCE B	OND.	929, FIVE COPIES OG - 1, SHOW-
Required forms must be fil four (24) hours in advance.		mpletion for bond releas	e. Inspector to be notified twenty-
	be completed by the coal opera	tor if the permit is to b	pe issued within ten days of receipt
hereof.			
	gent for ned and place on our mine map		ner or Operator of the coal under cation.
			well being drilled at this location,
providing operator has Code.	s complied with all rules and regula	tions in Articles 4, 5, an	d 7, Chapter 22 of the West Virginia
			For Coal Company
			Official Title