

6-6 STRAIGHT EX-RIUKSTANE CA

/33

. [08-78]RECEIVED

MAY 25 1982

Well No.

J-604

API Well Hs. 47 _017 _ 3078

STATE OF WEST VIRGINIA

OIL AND GAS DIVISION PARTMENT OF MINES, OIL AND GAS DIVISION

WY DEPARTMENT OF MINES

WELL OPERATOR'S REFORT OF DEILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

LOCATION:								adrangle:(osfird 7.5
							_		,
•								Harry I	
Address	_						_	Box 4	
		Buck	nannor	1, WV	26	201	-	Buckl	nannon, WV
PERMITTED WO	RK: Or	::: <u>x</u>	_/ Car	nvert		' Orill deeps	er Redr	111/ Fra	cture or stim
	P 1	ug off	old fo	rmati:	n	_/ Perfora	te new formati	len/	
	0:	her ph	ysical	change	2 in 1	vell (specify)		
PERMIT ISSU	ED ON _	2/1			, 19_			PECTOR FOR THIS	
	COUS PRO	CORESSI	ON PRO:	E DEIL	LING	OR		hen Casey	
	ING. VE				TAINE			Rt. # 2,	
					1			Jane Lo	
								Depth _ <u>51(</u>	
								able Tools	
Water	strata (epth:	rresi <u>l</u> None	' 1416	, عول	.Te ana! h	None feet.	the area: - No)
Uoal s	.eam dep1	uns:	Λ /	/1 <i>A</i>		s coar se	and completed	4/19	
work a	45 00000	encea _	4/	7.4		, <u>17_02_</u> ,	and completed	4/19	, ±3_
CASING AND		-							:
CASING OR TUBING TYPS	.	SPEC	FICATI Weight	ONS	,	FOOTAGE	INTERVALS	CEMENT FILL-U	PAC
	115120	Grade	cer ft	llew.	üsed	For drilling	left in well	(Subic feet)	1
Conductor	$\mu 11/4$	H-40	42	X	1 1	30	0	0 sks.	Kinds
Fresh water						1245.25	1245.25	300 sks.	11
Ccal	8 ⁵ /8	ERW	23	x		1245.25	1245.25	300 sks.	Sizes
Intermedia:	43	1	10.5	 		F23.4.70	>5014 70	1 242 :	1
Production	41/2	J-55	10.5	×		5214.70	5214.70	240 sks.	Dectms set
Tubine :		<u> </u>		1					
Liners	1	 		-		· · · · · · · · · · · · · · · · · · ·			Ferforation
	-			 .					4434
	-	1	 	1				1	4830
		1	l	1	<u> </u>	L	<u> </u>		5105
					_				
OPEN FLOW	ing for	mation		Α.	lexa	<u>nder</u>		Pay zone dept	h 5105 <u>-53</u>
	Gas: In	itial o	pen fl	sw, _		Mcf/d	Oil: Initial	l open flow, _	261/
Produc		nal ope		-				open flow, _	
Produc	ned 71		_	en flo				sts, 2 hour	
Produc	ned F1	Time				sig (surface	measurement)	after 96 ho	ours shut in
Produc	ned F1	Time		_11	0 0 :				4840-497
Produc Combin	ned Fi	Time ock pre	essure,	iple :	וקרפי	etion]			1124 442
Produc Combin : :: :: :: ::	ned Fi	Time ock pre due : ing for	essure, to mult	iple:	Leope	etion] old, Benson	& Riley	Pay zone dept	± 4434-443
Produc Combin :: ::: :::::::::::::::::::::::::::::	ned Fi	Time ock pro e due : ing for itial :	essure, so mult rmation open fi	iple :	Leop	etion] old, Benson %cf/e	Oil: Initia	l open flow, 📑	
Produc Combin	ned Fi	Time ock prove fue: ing for intial: hel op-	essure, so mult rmation open fl en flow	cw,	eopi Leopi	etion] old, BensonXef/dXef/d	Oil: Initial Final :	l open flow, _	
Produc Combin	ned Fi Static r splicabl d produc Gas: In	Time ock pre e fixe ing for total nel ope	essure, so mult rmation open flow en flow	cw,	Leopi	etion] old, BensonXcf/dXcf/d tween initial	Oil: Initial Final : and final ter	l open flow, 📑	

FORM IV-35. (Reverse)

[87-80]

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STITULATING, PHYSICAL THANGE, ETC.

Alexander: Perforations: 5105-53 (19 holes)

Fracturing: 20,000 lbs. 80/100 sand: 50,000 lbs. 20/40 sand: 600 Bbls. fluid.

Leopold & Benson: Perforations: 4840-42 (5 holes) 4966-69 (5 holes)

Fracturing: 5,000 lbs. 80/100 sand: 25,000 lbs. 20/40 sand: 500 gals. Acid

400 Bbls. fluid.

Riley: Perforations: 4434-37 (13 holes)

Fracturing: 5,000 lbs. 80/100 sand: 30,000 lbs. 20/40 sand: 500 gals. Acid:450 Bbls.

fluid.

WELL LOG .

				_	` Remarks
FORMATION	Color	Hard or Soft	Too Feet	Bottom Feet	Including indication of all freed and salt water, boal, bil had was
Fill	٤.,		0	- 50	
Sand, red rock & sha			50	87	
Sand			87	132	·
Red rock & shale			132	145	
Sand & red rock			145	201	
Sandy shale			201	250	
Shale & red rock			. 250	260	
Sandy shale		}	260	285	
Red rock & shale			285	369	
Sandy shale			369	433	
Sand, red rock & sha	le l		433	459	
Sandy shale			- 459	507	
Shale & red rock			507	519	
Sand, red rock & sha	16		.519	581	
Sandy shale			.581	600	
Red rock & shale			6 00	6 55	
Sandy shale & red ro	ck		655	68 0	
Sand & red rock	C.K		680	726	-
Sandy shale			726	723 783	
Shale & sandy shale			783	844	
Sandy shale & red ro	ck		844	1024	
Shale & sand			1024	1214	
Lime, sand & shale			1214	1346	
Sandy shale & sand			1346	1592	·
Sandy shale			1592	1805	
Shale & lime			1805	1863	
Big Lime			-1863	1940	
Injun			1940	2005	
Shale & sandy shale			2005	2475	
Sandy shale & shale			2475	4434	_ •
Riley			4434	4437	_
Shale & sandy shale			4437	4840	
Benson			- 4840	4842	
Brown sand	•	'. (#4			l o complete is necessiry)
Leopold			4966	4969 5105	a an habar wa denegaria.
Sandy shale			4969		TCT Entermaine To
Alexander Sandy shale			5105 •5015 200	5153 -r2 5 425 >	J&J Enterprises, Inc.
			9 2 335	3423	()LG 6
•			_		70° - 17. Th.

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Berlattos

Peter Battles Geologist

NOTE: Regulation 2.32(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic, detailed geologial record of all formations, including coal, encountered in the drilling of a well."

FCRM IV-2 (Obverse)	STATE OF W DEPARTMENT OF MINES	VEST VIRGINIA S, OIL AND GAS DIVISION	Date: January 29 , 1982
[08-78]	-	PERMIT APPLICATION	Operator's Well No
EI.I. MYPE		- VALI VIN	API Well No. $\frac{47}{\text{State}} = \frac{017}{\text{County}} = \frac{3078}{\text{Permit}}$
	O11/ GasX /		
	(If "Gas", Production X / Undergr		eep/ Shallow_x_/)
	Elevation: 1140 Watershe		
	District: Southwest County:	<u>noddridge</u> Quadı	rangle: Oxford 7½'
	J & J Enterprises, Inc.	DESIGNATED AGENT	Harry L. Barnett
Address	P.O. Box 48		P.O. Box 48
	Buckhannon, WV 26201		Buckhannon, WV 26201
IL & GAS OYALTY OWNE	.W.Nutter Heirs & W. Morris Heirs	COAL OPERATOR 1	None
•	C/O Mamie Britton		
	#5 8th Ave. Parkersburg, WV 26101	Address	
•	36	COAL OWNERS:	TH DECLARATION C.
	RDelbert Osbourne		TH DECLARATION ON RECORD:
	Route # 1		Osbourne + # 1
	West Union, WV 26456		t. # 1
Acresce	36		West Union, WV 26456
•	IF MADE) TO:	Name	
-	Unknown	naaress	
		COAL TECORE	DECLARATION ON PECOPD.
		Name None	DECLARATION ON RECORD:
IL & GAS INS	SPECTOR TO BE NOTIFIED		Magaz
ime	Stephen Casey	Address	RECEIVED
	Rt. # 2, Box 232-D		FEB 1 - 1982
	Jane Lew, WV 26378		
			OIL AND GAS DIVISION WY DEPARTMENT OF MINES
	r undersigned well operator is entitle		
	er a deed/ lease/ other		$\frac{11/25}{1}$, 19^{81} , to the
	well operator fromClarence W. Mut.		•
	d, lease, or other contract has been r $9/28$		
	9/28, 19 81 , in the office		
people	Virginia, in Oil & Gas Book 122	at page 322 A	A permit is requested as follows:
PROPOSED	D WORK: Drill/ Drill deeper/		
	Other physical charge in and		
	Other physical change in well	(specify)	
	planned as shown on the wor		w .
	above named coal operator, coal owne		
	ey wish to make or are required to mak		
Mines with	nin fifteen (15) days after the receip	ot of this Application	by the Department.
	oies of this Fermit Application and th		
registered	l mail or delivered by hand to the abo	ove named coal operator	, coal owner(s), and coal lease-
or before	the day of the mailing or delivery of		
arleston, W	West Virginia.		
	C COPIES OF ALL LOGS DIRECTLY TO:		
	A OIL AND GAS	J&JEnter	rprises, Inc.
CONSERVAT	TION COMMISSION TON STREET EAST	77.31	Well Cperator
	/V 25311 (304) 348-3092	Ву	the same of the sa
(Its Peter Batt	le s Geologist

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING COM	TRACTO	R (IF	KNOWN)	-	s.w.	Jack Drill	ing Company		. .
:						0.0. Box 48			
						Buckhannon	, WV 26201		
GEOLOGICAL T	ARGET	FORMAT	ION.	70.	1				•
							Cook		Cable tools/
Approxi	mate w	ater s	trata d	enthe		3300 each 1340	reet	Rotary <u>x</u> / ,1600 feet.	Cable tools/
									30 Yes/ No_X
				-		1.5	rodi being w	ined in the area	30 Aer
CASING AND T	UBING	PROGRA!	М						
CASING OR TUBING TYPE	Size	Grade	FICATION Weight per ft		Used	11	INTERVALS	CEMENT FILL-UP OR SACKS L (Cubic feet)	
Conductor	\parallel 11 /4	H-40	42	х		30	0	0 sks.	Kinds
Fresh water	8 ⁵ /8	ERW	23	х		1650	1650	To surface	Kinds
Coal	8 ⁵ /8	ERW	23	×		1650	1650	To surface	Sizes
Intermediate	4½	J-55	10.5	x		F250			
Production Tubing		0 33	10.5			5250,	5250	210 sks.	Depths set
Liners	,								
	4	1							Perforations:
The state of the s									Top Botto:
							 		
by Re there appli previ the co 200 fe IMIS PRMIP MOST is not All provinons being of the W. Va. Coo drilling operations have no Deputy Director	gulation of the cable to cable to cable to cast of as in account to comme	on 11, other to the requir the pr separa such o cordinate ocalion i This p	(ii) a securit reclama the seed by Copposed te Formula the F with Ch shereby ermit shallonger matter	bond ty al. ation ame wo ode \$ latin orm I cpter dppro expir	in o in o lowed required it. 22-4 Withhal g is V-2 f 22, wed re if	me of the for by Code § 22 ired by Code § 22 ired by Code the fee requires from the last part of the part of the fee in connection of the last part of the last	ems prescribed by ms prescribed 1-4-2, (iii) F 22-4-12b an red by Code S owner of any wired for fraction therewall.	Toy Regulation Form IV-9, "Recling Regulation 23 22-4-12a, and water well or cturing or stimm which a permit ith.	he form prescribed 12, or in lieu amation Plan", (iv) unless (v) if amplitude, discling within ulating a well to is sought and
is Th	to be	issued	within	fift	teen	(15) days of WAIVE	n under Code receipt there	§ 22-4-20, if t of:	he permit
well location the work pro-	n, the	well l	ocation	has	been	added to the	mine map. T	e/ of the xists which cover he undersigned perator has compregulations.	coal under this well ers the area of the has no objection to plied with all
Date:		,	19			_			