	OC	D-ARTESL	A HOBBS OC	20
Form 3160-5		HODDS		1
(April 2004)	UNITED STATES DEPARTMENT OF THE INT BUREAU OF LAND MANAGEI		JUL 0 3 20	
SUNI	DRY NOTICES AND REPOR	TS ON WELL	SARA	5 Lease Senal No NMLC030132B
00 1101 03	se this form for proposals to dri ed well. Use Form 3160-3 (APD)	n oi to re-ent	eran —	6 If Indian, Allottee or Tribe Name
SUBMIT IN	I TRIPLICATE- Other instruction	ons on reverse	side.	7 If Unit or CA/Agreement, Name and/or
1 Type of Well Oil Well	Gas Well 🗆 🔽 Other			8 Well Name and No.
2 Name of Operator Quantu	Im Resources Management, LLC			Closson B Federal Wells- See Atta 9 API Well No
3a. Address	3b 1	Phone No (include are	ea code)	See Attached
	e 2400 Houston, TX 77010 71	13-634-4696		10 Field and Pool, or Exploratory Area
	e, Sec, T, R., M., or Survey Description)			11 County or Parish, State
See Attached				Eddy County
12 CHEC				
TYPE OF SUBMISSION	K APPROPRIATE BOX(ES) TO INDI			EPORT, OR OTHER DATA
			OF ACTION	
Notice of Intent		eepen L acture Treat L	Production (Sta	art/Resume) Water Shut-Off
Subsequent Report		ew Construction		Other Change of Open
Final Abandonment Not		ug and Abandon	Temporanly Ab	pandon
	Convert to Injection	ug Back	Water Disposal	
Attach the Bond under w following completion of testing has been complete	en directionally or recomplete horizontally, give which the work will be performed or provide the F the involved operations. If the operation results i ed Final Abandonment Notices shall be filed on s ready for final inspection )	Bond No on file with 1 in a multiple completion	BLM/BIA Require	ed subsequent reports shall be filed within 30 d n a new interval, a Form 3160-4 shall be filed of
As required by 43 Cl document.	FR 3100.0-5 (a) and 43 CFR 3162.3, we are	e notifying you of C	hange of Operato	or on the wells listed on the attached
Quantum Resources operations conducted	Management, LLC as new operator accep d on this lease or portion of lease described	ots all applicable ter 1.	rms, conditions, s	tipulations and restriction concerning
operations conducted	d on this lease or portion of lease described tewide Bond - State of New Mexico	ots all applicable ter d.	rms, conditions, s	
operations conducted Bond Coverage: Stat BLM Bond File No.:	d on this lease or portion of lease described tewide Bond - State of New Mexico	ots all applicable ter d.	rms, conditions, s	tipulations and restriction concerning
operations conducted Bond Coverage: Stat BLM Bond File No.: Former Operator: M	d on this lease or portion of lease described tewide Bond - State of New Mexico NMB000798	ots all applicable ter 1.	rms, conditions, s	APPROVE
operations conducted Bond Coverage: Stat BLM Bond File No.: Former Operator: M	d on this lease or portion of lease described tewide Bond - State of New Mexico NMB000798 Aelrose Operating Co. Effective Date: January 1, 2011	d.	rms, conditions, s	JUL 2 2012
operations conducted Bond Coverage: Stat BLM Bond File No.: Former Operator: M	d on this lease or portion of lease described tewide Bond - State of New Mexico NMB000798 Aelrose Operating Co.	<sup>d.</sup> DR		JUL 2 2012 /s/ JD Whitlock
operations conducted Bond Coverage: Stat BLM Bond File No.: Former Operator: M Change of Operator 1	d on this lease or portion of lease described tewide Bond - State of New Mexico NMB000798 Aelrose Operating Co. Effective Date: January 1, 2011 SEE ATTACHED FO CONDITIONS OF AI	<sup>d.</sup> DR		JUL 2 2012 /s/ JD Whitlock
operations conducted Bond Coverage: Stat BLM Bond File No.: Former Operator: M Change of Operator I	d on this lease or portion of lease described tewide Bond - State of New Mexico NMB000798 Aelrose Operating Co. Effective Date: January 1, 2011 SEE ATTACHED FO CONDITIONS OF AI	DR PPROVAL		APPROVE JUL 2 2012 /s/ JD Whitlock
operations conducted Bond Coverage: Stat BLM Bond File No.: Former Operator: M Change of Operator M Change of Operator M 14 Thereby certify that the Name (Printed/Typed	d on this lease or portion of lease described tewide Bond - State of New Mexico NMB000798 Aelrose Operating Co. Effective Date: January 1, 2011 SEE ATTACHED FO CONDITIONS OF AI eforegoing is true and correct d) rez	DR PPROVAL	latory Supervisor	APPROVE JUL 2 2012 /s/ JD Whitlock
operations conducted Bond Coverage: Stat BLM Bond File No.: Former Operator: M Change of Operator 1 Change of Operator 1 14 I hereby certify that the Name (Printed/Typed Yolanda Per	d on this lease or portion of lease described tewide Bond - State of New Mexico NMB000798 Aelrose Operating Co. Effective Date: January 1, 2011 SEE ATTACHED FO CONDITIONS OF AI eforegoing is true and correct d) rez	d. DR PPROVAL Title Regul Date	latory Supervisor	APPROVE JUL 2 2012 /s/ JD Whitlock BUREAU OF LAND MANAGE CARLSBAD FIELD OFFIC
operations conducted Bond Coverage: Stat BLM Bond File No.: Former Operator: M Change of Operator 1 Change of Operator 1 14 Thereby certify that the Name (Printed/Typed Yolanda Per Signature	d on this lease or portion of lease described tewide Bond - State of New Mexico NMB000798 Melrose Operating Co. Effective Date: January 1, 2011 SEE ATTACHED FO CONDITIONS OF AI eforegoing is true and correct d) rez	d. PPROVAL Title Regul Date ERAL OR STA	latory Supervisor	APPROVE JUL 2 2012 /s/ JD Whitlock BUREAU OF LAND MANAGE CARLSBAD FIELD OFFIC
operations conducted Bond Coverage: Stat BLM Bond File No.: Former Operator: M Change of Operator 1 Change of Operator 1 14 Thereby certify that the Name (Printed/Typed Yolanda Per Signature Signature Approved by	d on this lease or portion of lease described tewide Bond - State of New Mexico NMB000798 Aelrose Operating Co. Effective Date: January 1, 2011 SEE ATTACHED FO CONDITIONS OF AI e foregoing is true and correct d) rez La Pare THIS SPACE FOR FEDE	DR PPROVAL Title Regul Date ERAL OR STA	latory Supervisor	APPROVE JUL 2 2012 /s/ JD Whitlock BUREAU OF LAND MANAGE CARLSBAD FIELD OFFIC
operations conducted Bond Coverage: Stat BLM Bond File No.: Former Operator: M Change of Operator 1 Change of Operator 1 14 Thereby certify that the Name (Printed/Typed Yolanda Per Signature Signature Approved by Conditions of approval, if any certify that the applicant holds	d on this lease or portion of lease described tewide Bond - State of New Mexico NMB000798 Melrose Operating Co. Effective Date: January 1, 2011 SEE ATTACHED FO CONDITIONS OF AI eforegoing is true and correct d) rez	d. DR PPROVAL Title Regul Date ERAL OR STA t warrant or	latory Supervisor 12 TE OFFICE	APPROVE JUL 2 2012 /s/ JD Whitlock BUREAU OF LAND MANAGE CARLSBAD FIELD OFFIC

(Instructions on page 2)

Closson B Federal - BLM Lease No. NMLC030132B

	Lease No.	API No.	Well Name	Well No.	Location	State	County
	NMLC030132B	300250896200S1 Ølosson B Fede	Glosson B Federal	3 /	NWNW; Sec. 20, T22S, R36E; 660 FNL & 330 FWL	MN	Lea
	NMLC030132B		300250895800S1 Closson B Federal	8	NWSW; Sec. 19, T22S, R36E; 660 FNL & 330 FWL 🗸	ΣZ	Lea
	NMLC030132B	300250895700S1 Closson B Federal	Closson B Federal	6	NWSE; Sec. 19, T22S, R36E; 1980 FSL & 1980 FEL / ,	MN	Lea
00	NMLC030132B	300250909700S1 Closson B Federal	<b>Closson B Federal</b>	10 /	NWSW; Sec. 30, T22S, R36E; 1980 FSL & 611 FWL 🗸	MN	Lea
1 67%J	- NMLC030132B	300250909800S1 Closson B Federal	Closson B Federal	11 /	SENE; Sec. 30, T22S, R36E; 1980 FNL & 660 FEL 🦯 🖊	MN	Lea
- APA	NMLC030132B	30025090990051	300250909900S1 Closson B Federal	12 /	SWSW; Sec. 30, T22S, R36E; 660 FSL & 660 FWL /	ΜN	Lea
Molrose	NMLC030132B	30025091000051	300250910000S1 Closson B Federal	13 /	SWNW; Sec. 30, T22S, R36E; 1980 FNL & 660 FWL 🗸 /	MN	Lea
	NMLC030132B	30025089590051	300250895900S1 Closson B Federal	14 ,	NWNW; Sec. 19, T22S, R36E; 660 FNL & 330 FWL	MΝ	Lea
	NMLC030132B	30025089600051 Closson B Federal	Closson B Federal	15 )	SWNW; Sec. 19, T22S, R36E; 1980 FNL & 330 FWL 🗸	Σ	Lea
	NMLC030132B	300250895200S1 Closson B Federal	Closson B Federal	16 /	SWSW; Sec. 18, T22S, R36E; 660 FSL & 660 FWL	MΝ	Lea
	NMLC030132B	300250895400S1 Closson B Federal	Closson B Federal	17 /	NWSW; Sec. 18, T22S, R36E; 1980 FSL & 660 FWL 🧹	MN	Lea
	NMLC030132B	300250896100S1 Closson B Federal	Closson B Federal	18 /	SWSW; Sec. 19, T22S, R36E; 660 FSL & 660 FWL //	MN	Lea
	NMLC030132B	300252604100S1 Closson B Federal	Closson B Federal	22 /	NWSE; Sec. 30, T22S, R36E; 1980 FSL & 1980 FEL 🗡	MN	Lea
	NMLC030132B	300252604200S1 Closson B Federal	Closson B Federal	23 /	SESE; Sec. 30, T22S, R36E; 330 FSL & 660 FEL 🦯	MN	Lea
	NMLC030132B	30025261430051	300252614300S1 Closson B Federal	24 /	NESE; Sec. 30, T22S, R36E; 1980 FSL & 660 FEL 🧹 /	MN	Lea
	NMLC030132B	300252614400S1 Closson B Federal	Closson B Federal	25 /	SENW; Sec. 30, T22S, R36E; 1980 FNL & 1980 FWL V	MN	Lea
	NMLC030132B	300252646400S1 Closson B Federal	Closson B Federal	26 /	SWSE; Sec. 19, T22S, R36E; 660 FSL & 1880 FEL 🖌	ŴN	Lea
	NMLC030132B	300252735000S1 Closson B Federal	Closson B Federal	30 /	NENE; Sec. 30, T22S, R36E; 660 FNL & 660 FEL 🧹	MN	Lea
PA A	<ul> <li>NMLC030132B</li> </ul>	300252974600S1	Closson B Federal	34 /	SWNE; Sec. 19, T22S, R36E; 1880 FNL & 1980 FEL 🧹	MN	Lea
248.45	54945 NMLC030132B	300253507500S1 Closson B Federal	Closson B Federal	36 /	NENW; Sec. 30, T22S, R36E; 330 FNL & 2310 FWL	ΨN	Lea
under		300253507600S1 Closson B Federal	Closson B Federal	37 /	NESW; Sec. 19, T22S, R36E; 2310 FSL & 2310 FWL 🗸	MN	Lea
Melrose	///elrose NMLC030132B	300253520800S1 Closson B Federal	Closson B Federal	39 /	SWNE; Sec. 30, T22S, R36E; 2310 FNL & 2310 FEL 🗸	MN	Lea
	NMLC030132B	300253538600S1 Closson B Federal	Closson B Federal	40 /	NENW; Sec. 19, T22S, R36E; 660 FNL & 1650 FWL K	ΜN	Lea
	NMLC030132B	300252980900S1 Closson B Federal	Closson B Federal	327 /	NESE; Sec. 19, T22S, R36E; 1980 FSL & 701 FEL /	MM	Lea

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## BUREAU OF LAND MANAGEMENT Carlsbad Field Office 620 East Greene Street Carlsbad, New Mexico 88220 575-234-5972

## **Conditions of Approval**

## Quantum Resources MGMT, LLC July 2,2012

- 1. Tank battery must be bermed/diked (must be able to contain 1 1/2 times the volume of the largest tank).
- 2. Submit for approval of water disposal method.
- 3. Submit updated facility diagrams as per Onshore Order #3
- 4. This agency shall be notified of any spill or discharge as required by NTL-3A.
- 5. All outstanding environmental issue must be addressed within 90 days. Contact Jim Amos for inspection and to resolve environmental issues. 575-234-5909
- 6. Install legible well sign on location with operator name, well name and number, lease number, unit number, 1/4 1/4, section, township, and range. NMOCD requires the API number on well signs.

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7. Subject to like approval by NMOCD.