

Post Office Box 960 Artesia, NM 88211-0960 Office (575) 748-1288 Fax (575) 746-9539

Berry Brine Well 1775 FNL & 930 FWL Sec. 21 T17S R30E

Proposed Reclamation Procedure

Mack Energy will proceed with reclamation as per approved sundry dated June 3, 2009.

Please see attached summary of testing data. Based on elevated Chloride levels at T-2 site location, addition material will be remove to a depth of 3' and replaced with clean soil. Re-vegetation and fencing will be done per BLM requirements.

Thanks,

Jerry W. Sherrell Mack Energy Corporation District I
1625 N French Dr., Hobbs, NM 88240
District II
1301 W Grand Avenue, Artesia, NNI 882 I 0
District III
1 000 Rio Brazos Road, Aztec, NM 8741 0
District IV
1220 S St Francis Dr , Santa Fc, NM 87505

State of New Mexico Energy Minerals and Natural Resources MAY 15 2009

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C- 141
Revised October 10, 2003
hmit 2 conies to appropriate

Submit 2 copies to appropriate
District fice in accordance
with Rule I 1 6 on back
side of form

Release Notification and Corrective Action

			1XC10	case mutili	cation	n anu Cu	HICCHVE A	CHUII	L		
						OPERA'	TOR		M Initi	al Report	Final Repor
Name of Co	ompany M	lack Energy	Corpora	ition		Contact Jerry W. Sherrell					
Address PC	Box 960	Atesia, NA	1 88211-	0960		Telephone No. (575) 748-1288					
Facility Nat	me Berry	Brine Well				Facility Type P&A'd well and facility					
Surface Ow	mar RI M			Mineral (Lease No. NMNM-100443-01					
Surface Ow	ner beivi			Mineral	Jwner	DLW			Lease	NO. INIVITATIVI	100445-01
				LOCA	ATIO	N OF RE	LEASE				
Unit Letter	Section	Township	Range	Feet from the	North	/South Line	Feet from the	East/\	West Line	County	
E	21	17S	30E	1775	Month		930	West		Eddy	
Е	Z I	1/3	DUE	1113	North		930	W CSt	 	Eudy	
			La	titude		Longitud	le				
				דאזג	ם מוזי	OF DEL	EACE				
Type of Rele	Brine	Water		NA I	UKE	OF REL	Release 5bbls		Values I	Recovered 0	
Source of Re	lease Valve	e connection	ns				Hour of Occurrence	· p		Hour of Disc	overv
Was Immedia						If YES, To			Date and	Hour or Disc	overy
] Yes [No 🛛 Not R	equired	,					
By Whom?				· · · · · · · · · · · · · · · · · · ·		Date and I		-			
Was a Water	course Read	ched?					olume Impacting t	he Wate	ercourse		
☐ Yes ☒ No											
If a Watercon	urce was Im	pacted, Descr	the Fully	*		1					
II a Watercoo	uise was im	pacicu, Desci	ibe ruity.								
Describe Cau											
Fluid in valv	ves used to	o connect tr	ucks and	flowline.							
Note: No su											
Describe Are		•									
							oil and caliche v				
Samples wil	l be taken	at sites and	l replaced	d with clean so	il. Seed	ling will be	done per BLM	l requi	rement ar	id fenced to	prevent
				n old pit atea.							
							knowledge and u				
							nd perform correc				
							arked as "Final Re ion that pose a thr				
							e the operator of r				
		ws and/or regu			- P		op	vop o mar	• • • • • • • • • • • • • • • • • • • •	omphanes w	
			,				OIL CON	SERV	ATION	DIVISIO	N
. (+W.	.5h	, <i>NO</i>					11	,	
Signature	Jene	JW.	ure	neigh			Signed By	M	1/4 B	CARRAI PA	
Printed Name	Printed Name: Jerry W. Sherrell Approved by District Supervisor Approved by District Supervisor										
							JUL 172	:009T			
Title Produ	ction Cler	·k				Approval Dat			Expiration	Date NA	-
		@	~~~								
E-mail Addre	ss: jerrys(wmackener	gycorp.c	OIII		Conditions of	f Approval. 🎝			Attached	
Date 5/14/0)9		Phone	(505) 748-128	38						

^{*} Attach Additional Sheets If Necessary

MAY 15 2009

Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED	
OMB No 1004-0137	
Expires: July 31, 2010	
No	
1440 01	

_	Expires:	July	31, 2010	
Lease Serial No				
MNM-100443	3-01			

SHMDRY	IOTICES AND REPORTS OF	I WELLS	6 If Indian, Allottee or Tribe Name			
Do not use this	form proposals to drill or Jse Form 3160-3 (APD) for	to re-enter an	6 It Indian, Allottee of	Titbe Name		
SUBMIT	IN TRIPLICATE - Other instructions on pag	ge 2.	7. If Unit of CA/Agree	ment, Name and/or No.		
l Type of Well						
Oil Well Gas W	Vell Other		8. Well Name and No Berry Brine Well #	‡1		
2 Name of Operator Mack Ene	rgy Corporation		9 API Well No			
3a Address		No (include area code)	10 Field and Pool or E	xploratory Area		
P.O. Box 960 Artesia, NM	88210-0960 (575)	748-1288	BSW;Salado			
4 Location of Well (Footage, Sec., T,			11 Country or Parish, S	State		
1775 FNL & 930 FWL, Sec. 21	T17S R30E		Eddy, NM			
12 CHEC	K THE APPROPRIATE BOX(ES) TO	INDICATE NATURE OF	NOTICE, REPORT OR OTHE	R DATA		
TYPE OF SUBMISSION		түре (OF ACTION			
Notice of Intent	Acidize	Deepen	Production (Start/Resume)	Water Shut-Off		
Troube of Intelli	Alter Casing F	racture Treat	Reclamation	Well Integrity		
Subsequent Report		lew Construction	Recomplete	Other		
		'lug and Abandon	Temporarily Abandon			
Final Abandonment Notice	Convert to Injection P peration. Clearly state all pertinent detail	lug Back	Water Disposal			
Mack Energy proposes to reclaim to 1. Remove contaminated soil and contoride content. No removal of mag. Replace with clean soil and revolutions. Erect fence around site to discount	aliche from wellbore and facility aterial from existing pit area. egetate per BLM instructions.	y location, remove e	xcess pad as required, test	wellbore and facility site for		
			Accepte Ni	ed for record MOCD		
14. I hereby certify that the foregoing is to	rue and correct. Name (Printed/Typed)					
Jerry W. Sherrell		Title Production	Clerk			
Signature Jeny W.	Shend	Date 5/14/09	7			
	THIS SPACE FOR FE	DERAL OR STATE	OFFICE USE			
Approved by						
		Title	Da	ite		
Conditions of approval, if any, are attached that the applicant holds legal or equitable to entitle the applicant to conduct operations to	tle to those rights in the subject lease which					

Title 18 U S.C. Section 1001 and Title 43 U S C Section 1212, make it a crime for my person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

2. 3.

Water Shut-Off

Well Integrity

Other

Form 3160-5 тжицият 2007);

I. Type of Well

3a Address

2. Name of Operator

Notice of Intent

Subsequent Report

Oil Well

TYPE OF SUBMISSION

Final Abandonment Notice

	55	P FILL EDIM	PAGE 02/02
UNLIED STA TO DEPARTMENT OF TH BUREAU OF LAND M	TES HE INTERIOR ANAGEMENT	OCD-ART	FORM APPROVED OMB No. 1004-0137 Expires, July 31, 2010 5. Lease Serial No. MMNM-100443-01 6. If Indian, Allottee or Tribe Name
SUNDRY NOTICES AND RE Do not use this form proposals abandoned well. Use Form 3160-3	to uniii or to re-en	(eran	6. If Indian, Allortee or Tribe Name
SUBMIT IN TRIPLICATE - Other in	structions on page 2.	***************************************	7. If Unit of CA/Agreement Name and/or No.
cil]Oıl Weli			8. Well Name and No. Berry Brine Well #1
perator Mack Energy Corporation			9. API Well No.
	36 Phone No (include	area code)	10 Field and Pool or Exploratory Area
Box 960 Artesia, NM 88210-0960	(575) 748-1288		BSW;Salado
of Well (Footage, Sec., T.R.M., or Survey Descript	(on)		11. Country or Parish. State
& 930 FWL, Sec. 21 T175 R30E			Eddy, NM
12, CHECK THE APPROPRIATE	BOX(ES) TO INDICATE N	IATURE OF NOTIC	E, REPORT OR OTHER DATA
OF SUBMISSION		TYPE OF ACTI	ON

Production (Start/Resume)

Reclamation

Recomplete

Temporarily Abandon

Water Disposal

13. Describe Proposed or Completed Operation. Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones.

Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Mack Energy proposes to reclaim this site as follows:

1. Remove contaminated soil and caliche from wellbore and facility location, remove excess pad as required, test wellbore and facility site for chloride content. No removal of material from existing pit area.

Deepen

Plug Back

Fracture Treat

New Construction

Plug and Abandon

2. Replace with clean soil and re-vegetate per BLM instructions.

P.O. Box 960 Artesia, NM 88210-0960

1775 FNL & 930 FWL, Sec. 21 T175 R30E

4. Location of Well (Footage, Sec., T.R.M., or Survey Description,

Acidize

Alter Casing

Casing Repair

Change Plans .

Convert to Injection

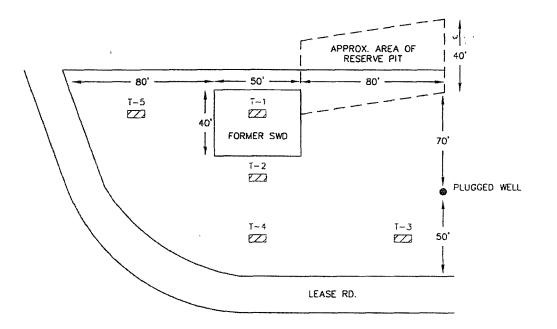
3. Erect fence around site to discourage disturbance.



,		JAMES A. AMOS SUPERVISOR-EPS	
7 Complete within 60 do. 14 I hereby certify that the foregoing is true and correct, Name (Printed/Typed).	√ 5		
Jerry W. Sherrell	Title Production Clerk		
Signature Very W. Sherrall	Date 5/14/09		
THIS SPACE FOR I	FEDERAL OR STATE OFFICE	USE	
Approved by	Title	Date	
Conditions of approval, if any, are attached. Approval of this natice does not warre that the applicant holds legal or equitable title to those rights in the subject lease will entitle the applicant to conduct operations thereon.	nt or certify nich would Office		
Title 18 11 9 C Section 1001 and Title 42 11 9 C Section 1212 make it a grime for	my person knowingly and willfully to make	to any description of the second seco	

1001 and Title 43 U.S.C. Section 1212, make it a crime for my person knowingly and willfully to make to any department or agency of the United States any false. fictitious or fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)



EZZ SAMPLE TRENCH

FIGURE NO. 1

EDDY COUNTY, NEW MEXICO

MACK ENERGY CORP.

DATE:
7/9/09

DHN, BY.
JJ

FILE
KLMKOZN,114-0400181
BARKY A FED. SWD

TETRA TECH, INC.
MIDLAND, TEXAS

♥.

NOT TO SCALE

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Table 1 Mack Energy Berry SWD #1 Eddy County, New Mexico

Sample ID	Date Sampled	Sample Depth (ft)	Chloride (mg/kg)
·			
T-1	, 7/1/2009	0-1	<200
	7/1/2009	2	<200
	7/1/2009	4	<200
T-2	7/1/2009	0-1	245
	7/1/2009	2	2810
	7/1/2009	4	868
	7/1/2009	5	584
-		:	
T-3	7/1/2009	0-1	4070
	7/1/2009	2	<200
	7/1/2009	4	<200
T-4	7/1/2009	0-1	213
	7/1/2009	2	<200
	7/1/2009	4	<200
T-5	7/1/2009	0-1	<200
-	7/1/2009	2	299
	7/1/2009	4	<200
			3

T-1 Backhoe test trenches

Page Number: 1 of 3

Summary Report

Ike Tavarez Tetra Tech 1910 N. Big Spring Street Midland, TX 79705

Report Date: July 8, 2009

Work Order: 9070241

Project Location: Eddy Co., NM

Project Name: Mack/Berry SWD #1

Project Number: 114-6400191

			Date	Time	Date
Sample	Description	Matrix	Taken	Taken	Received
201065	T-1 0-1	soil	2009-07-01	00:00	2009-07-02
201066	T-1 2.0'	soil	2009-07-01	00:00	2009-07-02
201067	T-1 4.0'	soil	2009-07-01	00:00	2009-07-02
201068	T-2 0-1	soil	2009-07-01	00:00	2009-07-02
201069	T-2 2.0'	soil	2009-07-01	00:00	2009-07-02
201070	T-2 4.0'	soil	2009-07-01	00:00	2009-07-02
201071	T-2 5.0°	soil	2009-07-01	00:00	2009-07-02
201072	T-3 0-1	soil	2009-07-01	00:00	2009-07-02
201073	T-3 2.0'	soil	2009-07-01	00:00	2009-07-02
201074	T-3 4.0'	soil	2009-07-01	00:00	2009-07-02
201075	T-4 0-1	soil	2009-07-01	00:00	2009-07-02
201076	T-4 2.0'	soil	2009-07-01	00:00	2009-07-02
201077	T-4 4.0'	soil	2009-07-01	00:00	2009-07-02
201078	T-5 0-1'	soil	2009-07-01	00:00	2009-07-02
201079	T-5 2.0'	soil	2009-07-01	00:00	2009-07-02
201080	T-5 4.0'	soil	2009-07-01	00:00	2009-07-02

Sample: 201065 - T-1 0-1

Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

Sample: 201066 - T-1 2.0'

continued ...

Sample: 201073 - T-3 2.0'

Report Date: July 8, 2009		Work Order: 9070241	Page	Number: 3 of 3
Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00
Sample: 201074 - T	`-3 4.0'			
Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00
Sample: 201075 - T	`-4 0 -1			,
Param	Flag	Result	Units	RL
Chloride		213	mg/Kg	4.00
Sample: 201076 - T	'-4 2.0'			
Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00
Sample: 201077 - T	-4 4.0'			
Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00
Sample: 201078 - T	-5 0-1'			
Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00
Sample: 201079 - T	-5 2.0'			
Param	Flag	Result	Units	RL
Chloride		299	mg/Kg	4.00
Sample: 201080 - T	-5 4.0'			
Param	Flag	Result	Units	RL
Chloride		<200	mg/Kg	4.00

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