

Form 3160-5
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM71036X
2. Name of Operator Mack Energy Corporation		6. If Indian, Allottee or Tribe Name
3a. Address P.O. Box 960 Artesia, NM 88210-0960	3b. Phone No. (include area code) (575) 748-1288	7. If Unit of CA/Agreement, Name and/or No. NMNM71036X
4. Location of Well (Footage, Sec., T.R.M. or Survey Description) 1980 FNL & 660 FWL, Sec. 22 T15S R29E		8. Well Name and No. South Lucky Lake Queen Unit #2Z
		9. API Well No. 30-005-60350
		10. Field and Pool or Exploratory Area 41320 Lucky Lake Queen, South
		11. Country or Parish, State Chaves, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

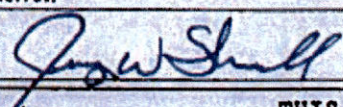
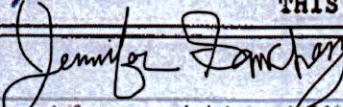
13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths 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 P&A the South Lucky Lake Queen Unit #2Z within the first quarter of 2023.

Procedure

1. MIRU Plugging equipment. POH w/ 1747' of 2 3/8" tbg.
2. Set 41/2" CIBP@ 1710'. Circ hole w/ MLF. Pressure test csg, spot 25 sx cmt@ 1710-1400'.
3. Spot 25 sx cmt@ 1075-775'. WOC & Tag (Yates, Tansil)
4. Perf & Sqz 50 Sx cmt@ 305' to surface. (T/Salt & 8 5/8" Shoe)
5. Cut off well head, verify cmt@ surface, install Dry Hole Marker.

See Conditions of Approval

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Jerry W. Sherrell		Title Regulatory Supervisor	
Signature 		Date 10/18/21	
THIS SPACE FOR FEDERAL OR STATE OFFICE USE			
Approved by 		Petroleum Engineer	Date 10/19/2021
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office RFO	

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)

Plug Abandonment NOI Proposed

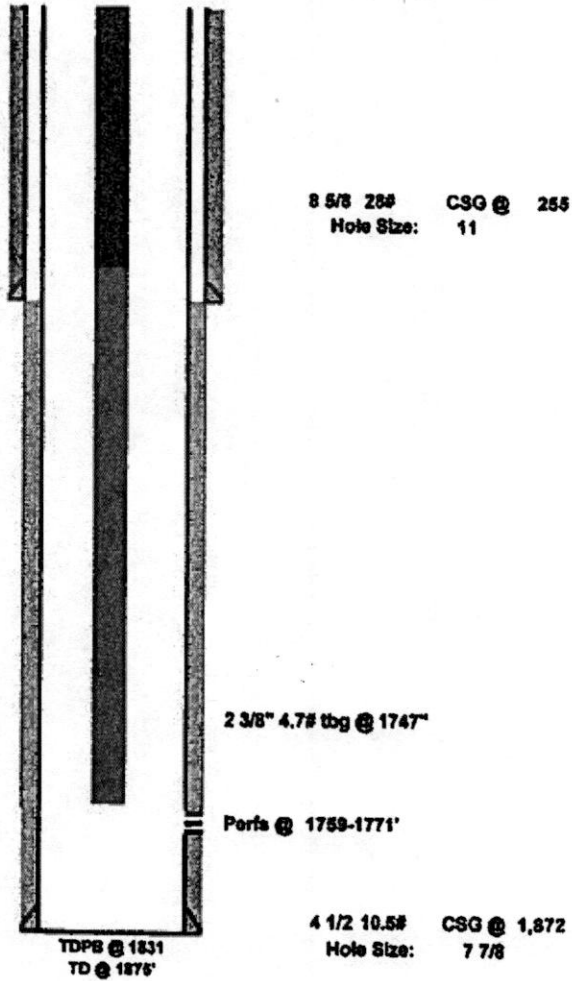
OPERATOR NAME:	Bar V Barb, LLC
LEASE NO.:	NMNM71036X
WELL NAME & NO.:	South Lucky Lake Queen Unit #22
US WELL NUMBER:	30-005-60350
LOCATION:	Sec 22, T15S, R29E
COUNTY:	Chaves, New Mexico

1. MIRU Plugging equipment. POH w/ 1747' of 2 3/8" tbg.
2. Set 4 1/2" CIBP @ 1710'. Circ hole w/ MLF. Pressure test csg, spot 25 sx cmt @ 1710-1400'.
3. Spot 25 sx cmt @ 1075-775'. WOC & Tag (Yates, Tansil)
4. Perf & Sqz 50 Sx cmt @ 305' to surface. (T/Salt & 8 5/8" Shoe)
5. Cut off well head, verify cmt @ surface, weld on Dry Hole Marker.

Bar V Barb, LLC		Current	
Author:	Abby @ BCM	Well No.	#22
Well Name	South Lucky Lake Qn Unit	API #:	30-005-60350
Field/Pool		Location:	Sec 22, T15S, R29E
County	Chaves		1990 FNL & 660 FWL
State	New Mexico	GL:	3832
Spud Date	7/1/1975		

Description	O.D.	Grade	Weight	Depth	Hole	Cmt Sx	TOC
Surface Csg	8 5/8		28#	255	11	175	0
Prod Csg	4 1/2		10.5#	1,872	7 7/8	275	280+- Calc

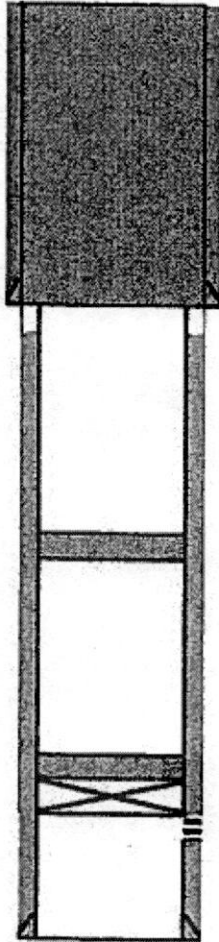
Formation	Top
Rustler	251
Salado	277
Tansil	902
Yates	1025
7 Rivers	1158



Bar V Barb, LLC		Proposed	
Author:	Abby @ BCM	Well No.	#22
Well Name	South Lucky Lake Qn Unit	API #:	30-005-60350
Field/Pool		Location:	Sec 22, T16S, R29E
County	Chaves		1850 FNL & 660 FWL
State	New Mexico	GL:	3832
Spud Date	7/1/1975		

Description	O.D.	Grade	Weight	Depth	Hole	Cmt Sx	TOC
Surface Csg	8 5/8		28#	255	11	175	0
Prod Csg	4 1/2		10.5#	1,872	7 7/8	275	280 +/- Calc

Formation	Top
Rustler	251
Salado	277
Tansil	902
Yates	1025
7 Rivers	1158



8 5/8 28# CSG @ 255
Hole Size: 11

4. Perf & Sqz 50 Sx cmt @ 305' to surface. (T/Salt & 8 5/8" Shoe)

3. Spot 25 ex cmt @ 1075-775'. WOC & Tag (Yates, Tansil)

2. Set 4 1/2" CIBP @ 1710'. Circ hole w/ MLF. Pressure test csg, spot 25 ex cmt @ 1710-1400'.

1. MIRU Plugging equipment. POH w/ 1747' of 2 3/8" tbg.
Perfs @ 1759-1771'

4 1/2 10.5# CSG @ 1,872
Hole Size: 7 7/8

TDPB @ 1831
TD @ 1876

**South Lucky Lake Queen Unit 2Z
30-005-60350
Mack Energy Corporation
October 19, 2021
Conditions of Approval**

- 1. Operator shall place CIBP at 1,709' (50'-100' above top most perf) and place 25 sx of Class C cement on top as proposed. WOC and TAG.**
- 2. Operator shall place a Class C cement plug from 1,075'-775' to seal the Yates Formation and the Bottom of the Salt.**
- 3. Operator shall perf at 305' and squeeze class C Cement to surface to seal the top of Salt and the 8-5/8" casing shoe.**
- 4. Surface reclamation will need to be completed once the well bore has been plugged. Please contact rflores@blm.gov for additional information.**
- 5. See Attached for general plugging stipulations.**

JAM 10192021

BUREAU OF LAND MANAGEMENT
Roswell Field Office
2909 W. Second Street
Roswell, New Mexico 88201
575-627-0272

General Requirements for Plug Backs

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within ninety (90) days from this approval.

If you are unable to plug back the well by the 90th day provide this office, prior to the 90th day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged back. Failure to do so will result in enforcement action.

2. **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any plug back operations. Call 575-627-0205.

3. **Blowout Preventers:** A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. **Mud Requirement:** Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of brine water. Minimum nine (9) pounds per gallon.

5. **Cement Requirement:** Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. **Before pumping cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.**

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

6. **Subsequent Plug back Reporting:** Within 30 days after plug back work is completed, file one original and three copies of the Subsequent Report, Form 3160-5 to BLM. The report should give in detail the manner in which the plug back work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date work was completed.**

7. **Trash:** All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 75939

CONDITIONS

Operator: BAR V BARB LLC P.O. Box 4435 Roswell, NM 88202	OGRID: 371067
	Action Number: 75939
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	1/27/2022