

Form 3160-5  
(June 2019)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED OMB  
No. 1004-0137 Expires:  
December 31, 2024**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.**5. Lease Serial No. ~~NMNM-71036X~~ NMNM-0557563

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Mack Energy Corporation

3a. Address

P.O. Box 960  
Artesia, NM 88211-0960

3b. Phone No. (include area code)

(575) 748-1288

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

1980 FNL &amp; 660 FWL, Sec. 22 T15S R29E

7. If Unit of CA/Agreement, Name and/or No.

~~NMNM-71036X~~ NMNM-71036X

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 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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<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 recomple 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 recomple 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.)

02/13/23 MIRU Plugging equipment 02/14/23 POH w/ rods & pump. Dug out surface valve, broke well head & installed new wellhead, NU BOP. 02/15/23 POH w/ tbg. Set 4 1/2 CIBP @ 1709'. Pump'd 25 bbls MLF. Pressure tested csg, held 500 PSI. 02/16/23 Spotted 25 sx class C cmt w/ 2% CACL @ 1709-1341'. WOC. Tagged plug @ 1310'. Spotted 25 sx class C cmt @ 1075-707'. Perf'd @ 305'. ND BOP. Sqz'd 120 sx class C cmt @ 305' & circulated to surface. 02/17/23 Verified cmt @ surface. Rigged down & moved off. 02/22/23 Began to dig around well head, well head had residual gas. Stopped job. 03/15/23 Moved cmt unit to location. Spotted 20 sx class C cmt through the surface valve. Circ'd cmt out of the ground. 03/16/23 Moved in backhoe and welder. Cut off well head & anchors. Kevin Basil w/ BLM verified cmt @ surface via picture text message. Welded on "Under Ground Dry Hole Marker". Backfilled cellar, cut off deadmen, cleaned location, and moved off.

Accepted for Record - contact Rick Flores at rflores@blm.gov for reclamation.

Accepted for record - NMOCD

JRH 05/04/2023

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Delilah Flores

Regulatory Technician I

Title

Signature

Date

03/17/2023

## THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Petroleum Engineer

Date

03/20/2023

Office

RFO

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.

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any 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)

## GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

## SPECIFIC INSTRUCTIONS

*Item 4* - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

*Item 13*: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

## NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

**AUTHORITY**: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

**PRINCIPAL PURPOSE**: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

**ROUTINE USES**: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

**EFFECT OF NOT PROVIDING THE INFORMATION**: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

**BURDEN HOURS STATEMENT**: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

**Plug Abandonment  
Subsequent Report**

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

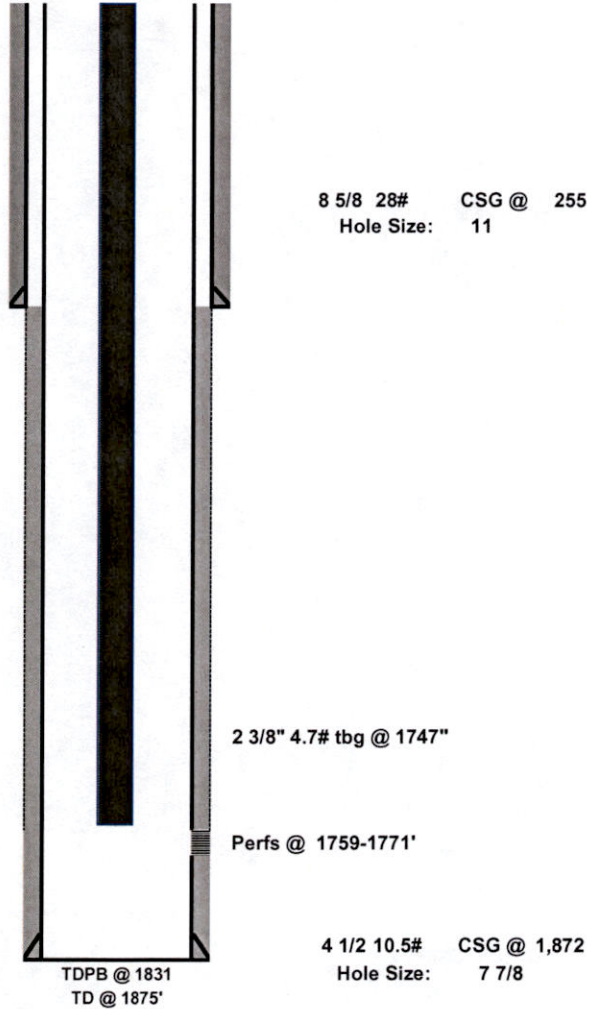
02/13/23 MIRU Plugging equipment 02/14/23 POH w/ rods & pump. Dug out surface valve, broke well head & installed new wellhead, NU BOP. 02/15/23 POH w/ tbg. Set 4 1/2 CIBP @ 1709'. Pump'd 25 bbls MLF. Pressure tested csg, held 500 PSI. 02/16/23 Spotted 25 sx class C cmt w/ 2% CACL @ 1709-1341'. WOC. Tagged plug @ 1310'. Spotted 25 sx class C cmt @ 1075-707'. Perf'd @ 305'. ND BOP. Sqz'd 120 sx class C cmt @ 305' & circulated to surface. 02/17/23 Verified cmt @ surface. Rigged down & moved off. 02/22/23 Began to dig around well head, well head had residual gas. Stopped job. 03/15/23 Moved cmt unit to location. Spotted 20 sx class C cmt through the surface valve. Circ'd cmt out of the ground. 03/16/23 Moved in backhoe and welder. Cut off well head & anchors. Kevin Basil w/ BLM verified cmt @ surface via picture text message. Welded on "Under Ground Dry Hole Marker". Backfilled cellar, cut off deadmen, cleaned location, and moved off.



Bar V Barb, LLC		Current	
Author:	Abby @ BCM		
Well Name	South Lucky Lake Qn Unit	Well No.	#22
Field/Pool		API #:	30-005-60350
County	Chaves	Location:	Sec 22, T15S, R29E
State	New Mexico		1980 FNL & 660 FWL
Spud Date	7/1/1975	GL:	3832

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

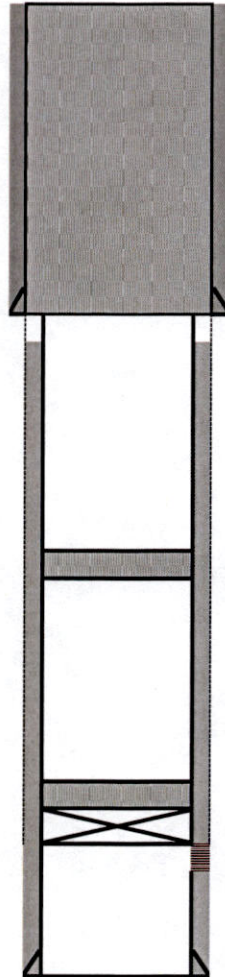
Formation	Top
Rustler	251
Salado	277
Tansil	902
Yates	1025
7 Rivers	1158



<b>Bar V Barb, LLC</b>		<b>PLUGGED</b>	
Author:	<b>Abby @ BCM</b>	Well No.	<b>#2Z</b>
Well Name	<b>South Lucky Lake Qn Unit</b>	API #:	<b>30-005-60350</b>
Field/Pool		Location:	<b>Sec 22, T15S, R29E</b>
County	<b>Chaves</b>		<b>1980 FNL &amp; 660 FWL</b>
State	<b>New Mexico</b>	GL:	<b>3832</b>
Spud Date	<b>7/1/1975</b>		

Description	O.D.	Grade	Weight	Depth	Hole	Cmt Sx	TOC
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Formation	Top
Rustler	251
Salado	277
Tansil	902
Yates	1025
7 Rivers	1158



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

3. Perf'd @ 305'. ND BOP. Sqz'd 120 sx class C cmt @ 305' & circulated to surface.

2. Spotted 25 sx class C cmt @ 1075-707'.

1. Set 4 1/2 CIBP @ 1709'. Pump'd 25 bbis MLF. Pressure tested csg, held 500 PSI. Spotted 25 sx class C cmt w/ 2% CACL @ 1709-1341'. WOC. Tagged plug @ 1310'.

Perfs @ 1759-1771'

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

TDPB @ 1831  
TD @ 1875'

**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 198758

CONDITIONS

Operator: MACK ENERGY CORP P.O. Box 960 Artesia, NM 882110960	OGRID: 13837
	Action Number: 198758
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
john.harrison	None	5/4/2023