

Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM
87505

Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Revised July 18, 2013

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-25379
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Mack Energy Corporation		6. State Oil & Gas Lease No. K 6666
3. Address of Operator P.O. Box 960 Artesia, NM 88210		7. Lease Name or Unit Agreement Name Amoco State
4. Well Location Unit Letter M : 660 feet from the S line and 660 feet from the W line Section 28 Township 16S Range 33E NMPM County Lea		8. Well Number #1
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4218' GR		9. OGRID Number 013837
		10. Pool name or Wildcat Maljamar Penn

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
 DOWNHOLE COMMINGLE ☐
 CLOSED-LOOP SYSTEM ☐
 OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
 COMMENCE DRILLING OPNS. ☐ P AND A ☐
 CASING/CEMENT JOB ☐
 OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

1. Tag 5 1/2" CIBP @ 11,400'. Spot 25 sx cmt @ 11,400-11,200'.
2. Set 5 1/2" CIBP @ 10,680'. Circ hole w/ MLF. Pressure test csg. Spot 25 sx cmt @ 10,680-10,480'. WOC & Tag
3. Perf & Sqz 50 sx cmt @ 7970-7770'. (Abo)
4. Perf & Sqz 50 sx cmt 4475-4275'. WOC & Tag (8 5/8 Shoe & San Andres)
5. Perf & Sqz 50 sx cmt @ 2835-2735'. WOC & Tag (B/Salt)
6. Perf & Sqz 50 sx cmt @ 1575-1475'. WOC & Tag (T/Salt)
7. Perf & Sqz 50 sx cmt @ 1050-950'. WOC & Tag (13 3/8" Shoe)
8. Perf & Sqz 50 sx cmt @ 200' to surface.
9. Cut off well head, verify cmt @ surface, weld on Dry Hole Marker.

4" diameter 4' tall Above Ground Marker

Spud Date:

Rig Release Date:

**SEE ATTACHED CONDITIONS
OF APPROVAL**

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Delilah FloresTITLE Regulatory Technician IDATE 2/14/2022Type or print name Delilah FloresE-mail address: delilah@mec.comPHONE: 575-748-1288

For State Use Only

APPROVED BY:

Kerry Fortner

TITLE Compliance Officer ADATE 3/15/22

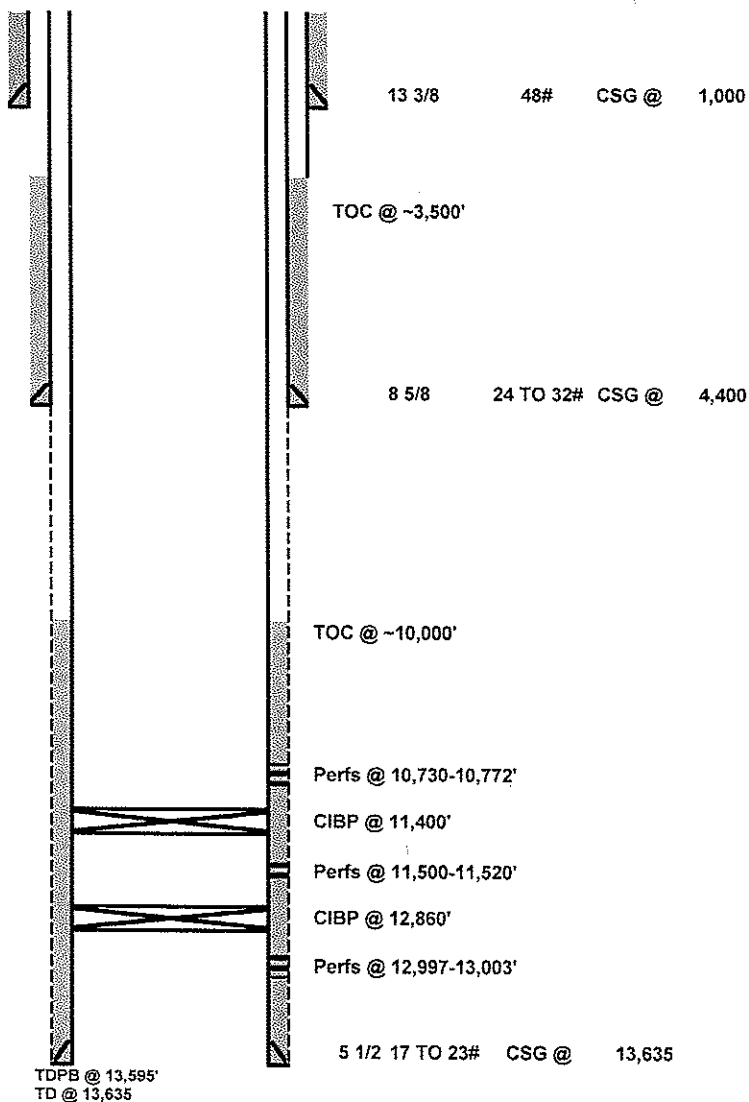
Conditions of Approval (if any):

575-263-6633

Company: Mack Energy Corporation			
Author:	Abby BCM		
Well Name	Amoco State	Well No.	#1
Field/Pool	Maljamar	API #	30-025-25379
County	Lea	Location:	M-28-16S-33E
State	New Mexico		660 FSL 660 FWL
Spud Date	10/31/1976	GL:	4218

Description	O.D.	Grade	Weight	Depth	Hole	Cmt Sx	TOC
Surface Csg	13 3/8		48#	1,000	17 1/2	600 Sx	Circ.
Inter Csg	8 5/8		24 TO 32#	4,400	11	250 Sx	3500
Prod Csg	5 1/2		17 TO 23#	13,635	7 7/8	750 Sx	10,000

Formation	Top
Rustler	1460
Salt	1525
San Andres	4425
ABO	7920
Wolfcamp	9695
Upper Pennsylvanian	11430
Lower Pennsylvanian	12355

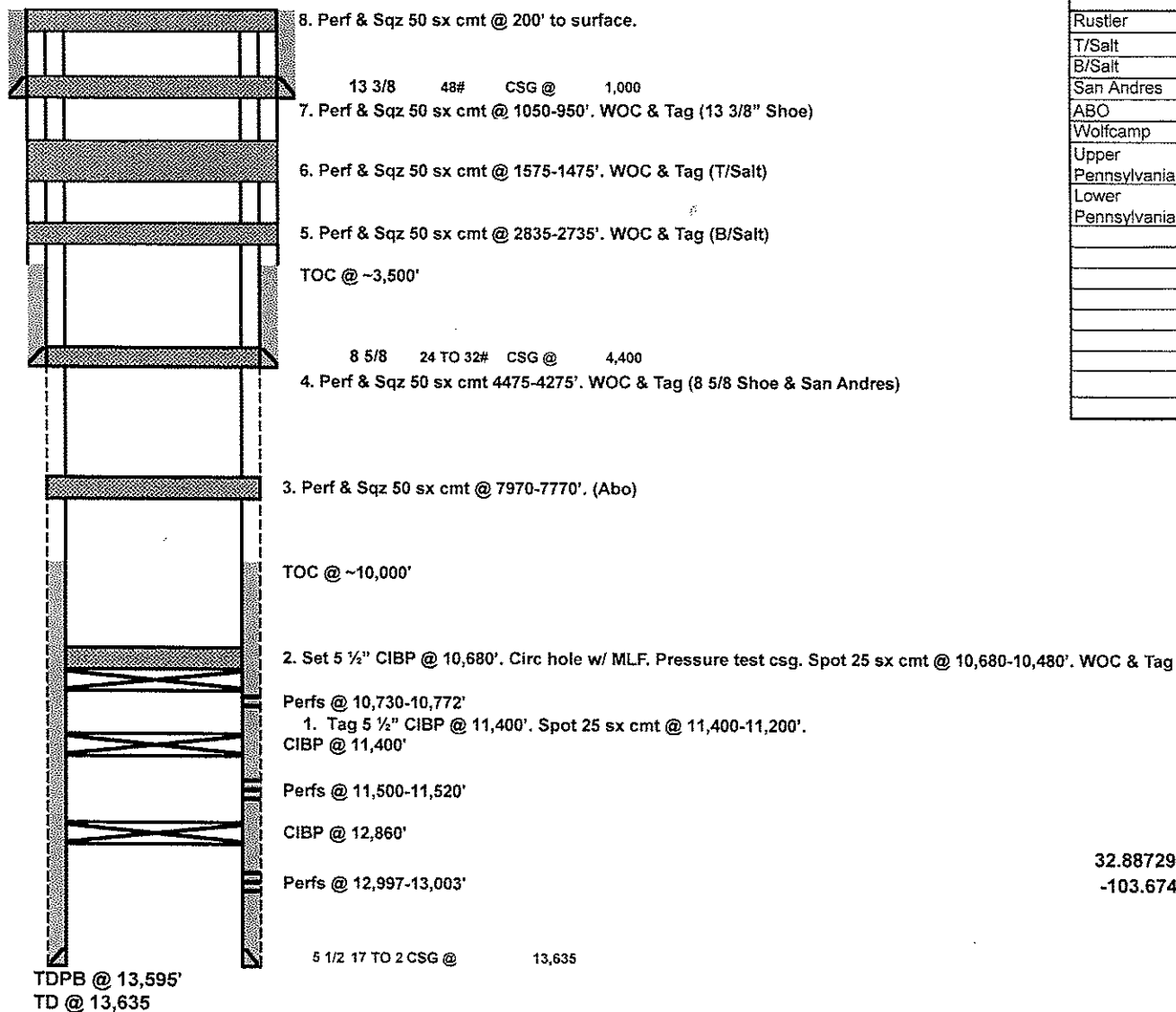


B/Salt-2785 1/2

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-103.6748199

Company: Mack Energy Corporation		Proposed	
Author: Abby Anderson			
Well Name	Amoco State	Well No.	#1
Field/Pool	Maljamar	API #:	30-025-25379
County	Lea	Location:	M-28-16S-33E
State	New Mexico		660 FSL 660 FWL
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**CONDITIONS OF APPROVAL
FOR PLUGGING AND ABANDONMENT
OCD - Southern District**

The following is a guide or checklist in preparation of a plugging program, this is not all inclusive and care must be exercised in establishing special plugging programs in unique and unusual cases, Notify NMOCD District Office I (Hobbs) at **(575)-263-6633** at least 24 hours before beginning work. After MIRU rig will remain on well until it is plugged to surface. OCD is to be notified before rig down.

Company representative will be on location during plugging procedures.

1. A notice of intent to plug and abandon a wellbore is required to be approved before plugging operations are conducted. A cement evaluation tool is required in order to ensure isolation of producing formations, protection of water and correlative rights. A cement bond log or other accepted cement evaluation tool is to be provided to the division for evaluation if one has not been previously run or if the well did not have cement circulated to surface during the original casing cementing job or subsequent cementing jobs. Insure all bradenheads have been exposed, identified and valves are operational prior to rig up.
2. Closed loop system is to be used for entire plugging operation. Upon completion, contents of steel pits are to be hauled to a permitted disposal location.
3. Trucking companies being used to haul oilfield waste fluids to a disposal - commercial or private- shall have an approved NMOCD C-133 permit. A copy of this permit shall be available in each truck used to haul waste products. It is the responsibility of the operator as well as the contractor, to verify that this permit is in place prior to performing work. Drivers shall be able to produce a copy upon request of an NMOCD Field inspector.
4. Filing a subsequent C-103 will serve as notification that the well has been plugged.
5. A final C-103 shall be filed (and a site inspection by NMOCD Inspector to determine if the location is satisfactorily cleaned, all equipment, electric poles and trash has been removed to Meet NMOCD standards) before bonding can be released.
6. If work has not begun within 1 Year of the approval of this procedure, an extension request must be file stating the reason the well has not been plugged.
7. Squeeze pressures are not to exceed 500 psi, unless approval is given by NMOCD.
8. Produced water will not be used during any part of the plugging operation.
9. Mud laden fluids must be placed between all cement plugs mixed at 25 sacks per 100 bbls of water.
10. All cement plugs will be a minimum of 100' in length or a minimum of 25 sacks of cement, whichever is greater. 50' of calculated cement excess required for inside casing plugs and 100% calculated cement excess required on outside casing plugs.
11. Class 'C' cement will be used above 7500 feet.
12. Class 'H' cement will be used below 7500 feet.
13. A cement plug is required to be set 50' above and 50' below, casing stubs, DV tools, attempted casing cut offs, cement tops outside casing, salt sections and anywhere the casing is perforated, these plugs require a 4 hour WOC and then will be tagged
14. All Casing Shoes Will Be Perforated 50' below shoe depth and Attempted to be Squeezed, cement needs to be 50' above and 50' Below Casing Shoe inside the Production Casing.
16. When setting the top out cement plug in production, intermediate and surface casing, wellbores should remain full at least 30 minutes after plugs are set
17. A CIBP is to be set within 100' of production perforations, capped with 100' of cement, WOC 4 hours and tag.
18. A CIBP with 35' of cement may be used in lieu of the 100' plug if set with a bailer. This plug will be placed within 100' of the top perforation, (WOC 4 hrs and tag).

19. No more than 3000' is allowed between cement plugs in cased hole and 2000' in open hole.
20. Some of the Formations to be isolated with cement plugs are: These plugs to be set to isolate formation tops
- A) Fusselman
 - B) Devonian
 - C) Morrow
 - D) Wolfcamp
 - E) Bone Springs
 - F) Delaware
 - G) Any salt sections
 - H) Abo
 - I) Glorieta
 - J) Yates.
 - K) Potash---(In the R-111-P Area (Potash Mine Area),
A solid cement plug must be set across the salt section. Fluid used to mix the cement shall be saturated with the salts that are common to the section penetrated and in suitable proportions, not more than 3% calcium chloride (by weight of cement) will be considered the desired mixture whenever possible, WOC 4 hours and tag, this plug will be 50' below the bottom and 50' above the top of the Formation.
21. If cement does not exist behind casing strings at recommended formation depths, the casing can be cut and pulled with plugs set at recommended depths. If casing is not pulled, perforations will be shot and cement squeezed behind casing, WOC and tagged. These plugs will be set 50' below formation bottom to 50' above formation top inside the casing.

DRY HOLE MARKER REQUIREMENTS

The operator shall mark the exact location of the plugged and abandoned well with a steel marker not less than four inches in diameter, 3' below ground level with a plate of at least ¼" welded to the top of the casing and the dry hole marker welded on the plate with the following information welded on the dry hole marker:

1. Operator name
2. Lease and Well Number
3. API Number
4. Unit letter
5. Quarter Section (feet from the North, South, East or West)
6. Section, Township and Range
7. Plugging Date
8. County

SPECIAL CASES -----AGRICULTURE OR PRARIE CHICKEN BREEDING AREAS

In these areas, a below ground marker is required with all pertinent information mentioned above on a plate, set 3' below ground level, a picture of the plate will be supplied to NMOCD for record, the exact location of the marker (longitude and latitude by GPS) will be provided to NMOCD (We typically require a current survey to verify the GPS)

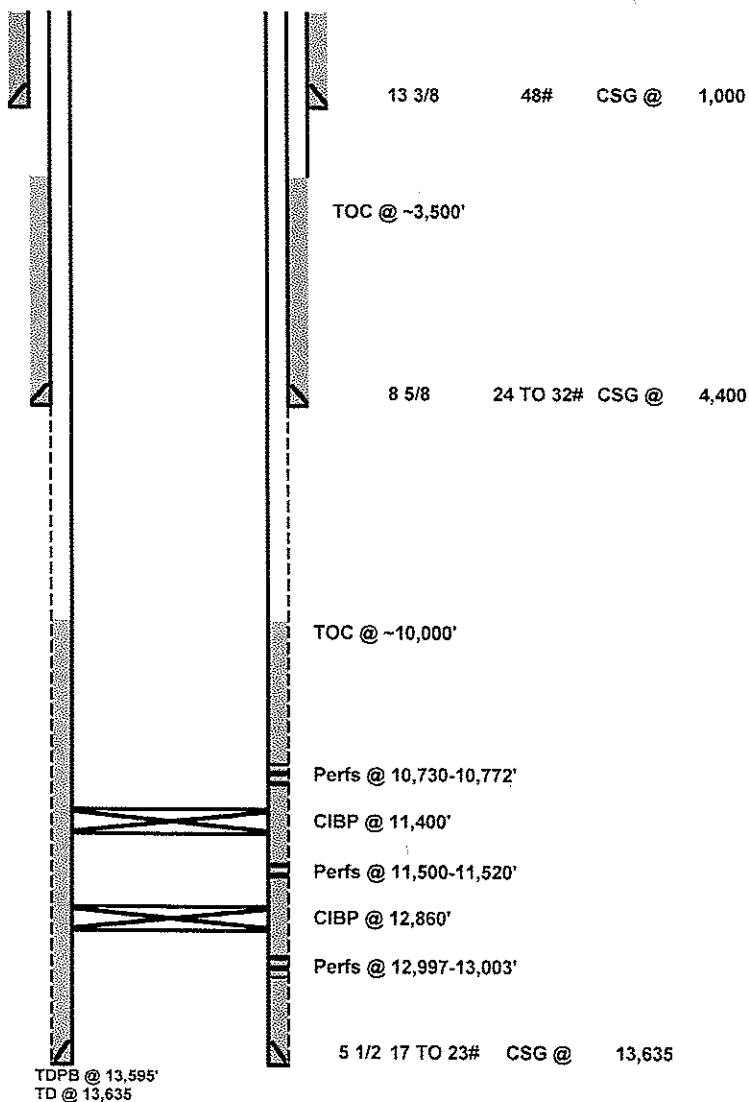
SITE REMEDIATION DUE WITHIN ONE YEAR OF WELL PLUGGING COMPLETION

Company: Mack Energy Corporation			
Author:	Abby BCM		
Well Name	Amoco State	Well No.	#1
Field/Pool	Maljamar	API #	30-025-25379
County	Lea	Location:	M-28-16S-33E
State	New Mexico		660 FSL 660 FWL
Spud Date	10/31/1976	GL:	4218

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ABO	7920
Wolfcamp	9695
Upper Pennsylvanian	11430
Lower Pennsylvanian	12355

B/Salt-2785 1/2



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State of New Mexico
Energy, Minerals and Natural ResourcesForm C-103
Revised July 18, 2013

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87505

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-025-25379
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. K 6666
7. Lease Name or Unit Agreement Name Amoco State
8. Well Number #1
9. OGRID Number 013837
10. Pool name or Wildcat Maljamar Penn

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1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator
Mack Energy Corporation

3. Address of Operator
P.O. Box 960 Artesia, NM 88210

4. Well Location

Unit Letter **M** : **660** feet from the **S** line and **660** feet from the **W** line
Section **28** Township **16S** Range **33E** NMPM County **Lea**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
4218' GR

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

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TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
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DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☐
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COMMENCE DRILLING OPNS. ☐ P AND A ☐
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9. Cut off well head, verify cmt @ surface, weld on Dry Hole Marker.

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE _____ TITLE _____ DATE _____

Type or print name _____ E-mail address: _____ PHONE: _____
For State Use Only

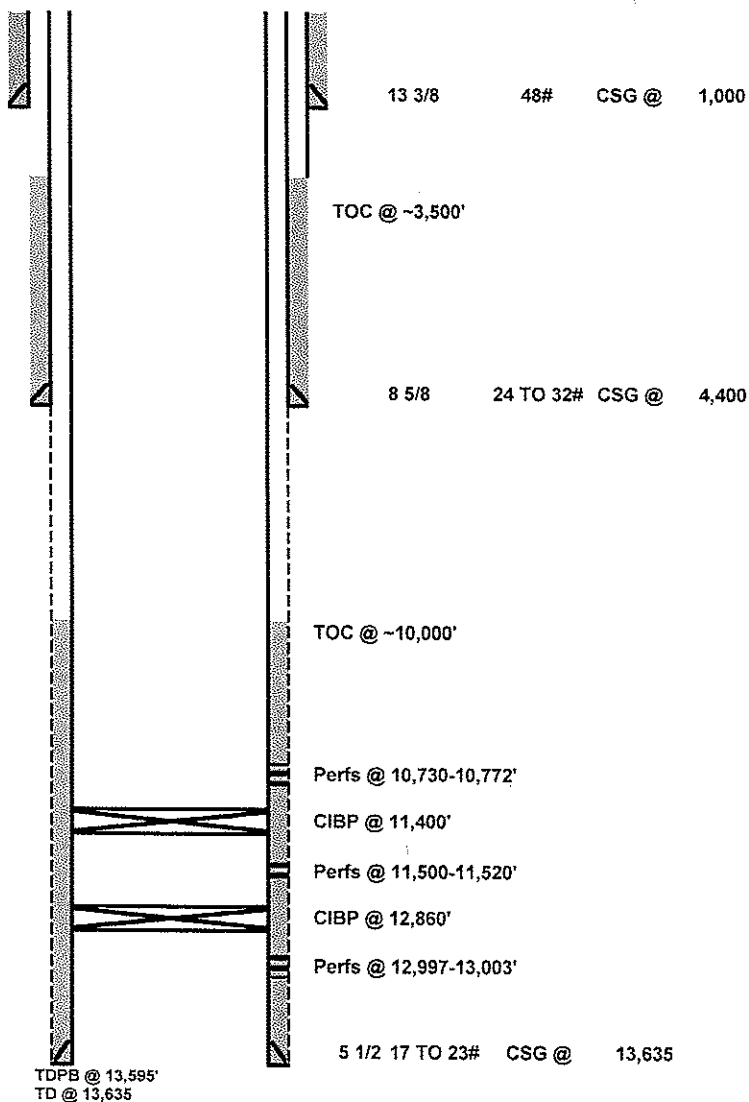
APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

Company: Mack Energy Corporation			
Author:	Abby BCM	Well No.	#1
Well Name	Amoco State	API #	30-025-25379
Field/Pool	Maljamar	Location:	M-28-16S-33E
County	Lea		660 FSL 660 FWL
State	New Mexico	GL:	4218
Spud Date	10/31/1976		

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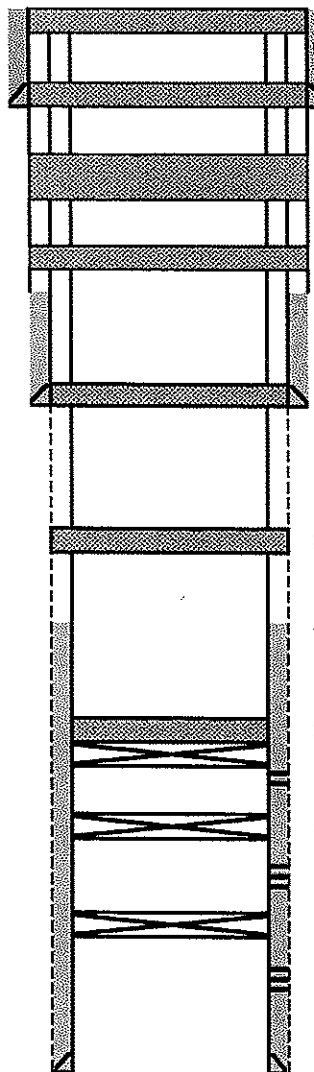


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Author:	Abby Anderson	Well No.	#1
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8. Perf & Sqz 50 sx cmt @ 200' to surface.

13 3/8 48# CSG @ 1,000

7. Perf & Sqz 50 sx cmt @ 1050-950'. WOC & Tag (13 3/8" Shoe)

6. Perf & Sqz 50 sx cmt @ 1575-1475'. WOC & Tag (T/Salt)

5. Perf & Sqz 50 sx cmt @ 2835-2735'. WOC & Tag (B/Salt)

TOC @ ~3,500'

8 5/8 24 TO 32# CSG @ 4,400

4. Perf & Sqz 50 sx cmt 4475-4275'. WOC & Tag (8 5/8 Shoe & San Andres)

3. Perf & Sqz 50 sx cmt @ 7970-7770'. (Abo)

TOC @ ~10,000'

2. Set 5 1/2" CIBP @ 10,680'. Circ hole w/ MLF. Pressure test csg. Spot 25 sx cmt @ 10,680-10,480'. WOC & Tag

Perfs @ 10,730-10,772'

1. Tag 5 1/2" CIBP @ 11,400'. Spot 25 sx cmt @ 11,400-11,200'.

CIBP @ 11,400'

Perfs @ 11,500-11,520'

CIBP @ 12,860'

Perfs @ 12,997-13,003'

5 1/2 17 TO 2 CSG @ 13,635

TDPB @ 13,595'
TD @ 13,635

Formation	Top
Rustler	1460
T/Salt	1525
B/Salt	2785 +/-
San Andres	4425
ABO	7920
Wolfcamp	9695
Upper Pennsylvanian	11430
Lower Pennsylvanian	12355

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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

COMMENTS

Action 81302

COMMENTS

Operator: MACK ENERGY CORP P.O. Box 960 Artesia, NM 882110960	OGRID: 13837
	Action Number: 81302
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

COMMENTS

Created By	Comment	Comment Date
plmartinez	DATA ENTRY PM	3/16/2022

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
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Energy, Minerals and Natural Resources
Oil Conservation Division
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Santa Fe, NM 87505

CONDITIONS

Action 81302

CONDITIONS

Operator: MACK ENERGY CORP P.O. Box 960 Artesia, NM 882110960	OGRID: 13837
	Action Number: 81302
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
kfortner	See attached conditions of approval	3/15/2022