Dimental - 057 392-610 Metalow Except y Minerals and Natural Resources WELL API NO. Direst News Net 200 OIL CONSERVATION DIVISION 30-025-30941 Data Elli - 050 394-613 DIL CONSERVATION DIVISION 1200 South St. Francis Dr. Data Elli - 050 394-613 DIL CONSERVATION DIVISION 1200 South St. Francis Dr. Data Elli - 050 394-613 DIL CONSERVATION DIVISION 1200 South St. Francis Dr. District - 050 394-613 DIL CONSERVATION DIVISION 1200 South St. Francis Dr. District - 050 394-613 DIL CONSERVATION DIVISION 1200 South St.	1625 N. French Dr., Hobbs, NM 882 District II – (575) 748-1283		tate of New Mexico inerals and Natural Resource	ces	Form C-4031 of Revised July 18, 2013
Data Lill - (50) 334-6178 1220 South St. Francis Dr. Santa Fe, NM 87505 Dig No Boase A., Asse, NM 87510 Santa Fe, NM 87505 6. State Oli & Gale Lase No. Dig No Boase A., Asse, NM 87510 Santa Fe, NM 87505 7. Lease Name or Unit Agreement Name Dig No Boase N., Sans, P. M. VB-2155 7. Lease Name or Unit Agreement Name Difference N. Scatter Difference D. Scatter Difference N. Scatter Difference D. Scatter Difference Dif	off S. FIRST St., Artesia, NM 88210	40		WELL API 30-025-309	NO. 11
SUNDRY NOTICES AND REPORTS ON WELLS 7. Lease Name or Unit Agreement Name DOW OT USE THIS FORM FOR PROFORALS TO DEPEN OR FLUID BACK TO A 9. Amenor Unit Agreement Name DDP of DEPENDENT RESERVOR, USE "APPLICATION FOR PERMIT FORM C-101) FOR SUCH 8. Well Number #1 PROFOSALS, OL WELL OR TO DEPEND OR FLUID BACK TO A 9. OGRED Number #1 2. Name of Operator 9. OGRED Number #1 3. Address of Operator 9. OGRED Number #1 4. Well Location 10. Pool name or Wildcat Vacuum: Delaware, Mid Vacuum: Delaware, Mid 4. Well Location 11. Elevation (Show whether DR, RKR, RT, GR, etc.) 3942° GR 3942° GR 11. Elevation (Show whether DR, RKR, RT, GR, etc.) 3942° GR 12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data Commy Lea NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF: PERFORM REMEDIAL WORK PLUG AND ABARDON (COMMENCE DRILLING OPNS.) P AND A DWUHHOLE COMMINGLE CASING/CEMENT JOB CASING/CEMENT JOB DWUHHOLE COMMINGLE CHOMENCE DRILLING OPNS.) P AND A DWUHHOLE COMMINGLE CHOMENCE AT REPORT OF: CASING/CEMENT JOB OTHER: OTHER OTHER CASING/CEMENT JOB CASING/	<u>District III</u> – (505) 334-6178 1000 Rio Brazos Rd., Aztec, NM 87- <u>District IV</u> – (505) 476-3460 1220 S. St. Francis Dr., Santa Fe, NM	410 S		6. State Oil	
2. Name of Operator 9. OCKID Number Mack Energy Corporation 10. Bool name or Wildcat P.O. Box 960 Artesin,MN 88210 10. Pool name or Wildcat Vacuum; Delaware, Mid 11. Elevation (Show whether DR, RKB, RT, GR, etc.) 342' GR 11. Elevation (Show whether DR, RKB, RT, GR, etc.) 342' GR 12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF: PERFORM REMEDIAL WORK □ PLUG AND ABANDON □ CAMENCE DRILLING OFNS.□ P AND A DUL OR ALTER CASING □ MULTIPLE COMPL □ DOWMHOLE COMMINGLE □ OTHER: CLOSED-LOOP SYSTEM □ OTHER: 13. Describe proposed vork), SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed vork), SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion. 1. Set 5 ½" CIBP @ 5830'. Circ hole w/ MLF. Pressure test csg. Spot 25 sx cmt @ 5830-5630'. 2. Perf & Sqz 50 sx cmt @ 3400-3200'. WOC & Tag (8 58" Shoc) 3. Spot 25 sx cmt @ 150	SUNDRY (DO NOT USE THIS FORM FOR P DIFFERENT RESERVOIR. USE ", PROPOSALS.)	ROPOSALS TO DRILL OR APPLICATION FOR PERM	TO DEEPEN OR PLUG BACK TO IT" (FORM C-101) FOR SUCH	A Barbaro S	ate
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P.O. Box 960 Artesia,NM 88210 Vacuum; Delaware, Mid 4. Well Location Unit Letter_I	Mack Energy Corporation				
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Spud Date: Rig Release Date: I hereby certify that the information above is true and complete to the best of my knowledge and belief.	proposed completion	.			
I hereby certify that the information above is true and complete to the best of my knowledge and belief.	proposed completion 1. Set 5 ½" CIBP @ 58 2. Perf & Sqz 50 sx cm 3. Spot 25 sx cmt @ 17 4. Spot 25 sx cmt @ 14 5. Perf & Sqz 100 sx cm	30'. Circ hole w/ MLF t @ 3400-3200'. WOC 50-1550'. WOC & Tay 10-1210'. WOC & Tay nt @ 441' to surface. (2 & Tag (8 5/8" Shoe) g (B/Salt) g (T/Salt) (13 3/8" Shoe). Top off 8 5/8 5	-	
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SIGNATURE Delilah Flores TITLE Regulatory Technician I DATE 3/28/2022	 proposed completion Set 5 ½" CIBP @ 58 Perf & Sqz 50 sx cm Spot 25 sx cmt @ 17 Spot 25 sx cmt @ 14 Perf & Sqz 100 sx cm Cut off well head, ve 	30'. Circ hole w/ MLF t @ 3400-3200'. WOC 50-1550'. WOC & Tay 10-1210'. WOC & Tay nt @ 441' to surface. (erify cmt @ surface, w	2 & Tag (8 5/8" Shoe) g (B/Salt) g (T/Salt) (13 3/8" Shoe). Top off 8 5/8 eld on Dry Hole Marker.	annulus w/ cmt SEE	ATTACHED CONDITIONS
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Type or print name Delilah Flores E-mail address: delilah@mec.com PHONE: 575-748-1288 For State Use Only E-mail address: Delilah@mec.com PHONE: 575-748-1288	I. Set 5 ½" CIBP @ 58 2. Perf & Sqz 50 sx cm 3. Spot 25 sx cmt @ 17 4. Spot 25 sx cmt @ 14 5. Perf & Sqz 100 sx cm 6. Cut off well head, ve 4" diameter 4' tall Abov Spud Date:	30'. Circ hole w/ MLF t @ 3400-3200'. WOC 50-1550'. WOC & Tag 10-1210'. WOC & Tag nt @ 441' to surface. (erify cmt @ surface, w ve Ground Marker	2 & Tag (8 5/8" Shoe) g (B/Salt) g (T/Salt) (13 3/8" Shoe). Top off 8 5/8 : eld on Dry Hole Marker. Rig Release Date:	annulus w/ cmt SEE OF A owledge and belief.	ATTACHED CONDITIONS
APPROVED BY: Kerry Forther TITLE Compliance Officer A DATE 5/19/22	proposed completion 1. Set 5 ½" CIBP @ 58 2. Perf & Sqz 50 sx cm 3. Spot 25 sx cmt @ 17 4. Spot 25 sx cmt @ 14 5. Perf & Sqz 100 sx cm 6. Cut off well head, ve 4" diameter 4' tall Abov Spud Date: I hereby certify that the inform SIGNATURE Delilah I Type or print name Delilah F	30'. Circ hole w/ MLF t @ 3400-3200'. WOC 50-1550'. WOC & Tay 10-1210'. WOC & Tay nt @ 441' to surface. (erify cmt @ surface, w ve Ground Marker 	2 & Tag (8 5/8" Shoe) g (B/Salt) g (T/Salt) (13 3/8" Shoe). Top off 8 5/8 eld on Dry Hole Marker. Rig Release Date: complete to the best of my kn 	annulus w/ cmt SEE OF / owledge and belief.	ATTACHED CONDITIONS
Conditions of Approval (if any):	proposed completion 1. Set 5 ½" CIBP @ 58 2. Perf & Sqz 50 sx cm 3. Spot 25 sx cmt @ 17 4. Spot 25 sx cmt @ 14 5. Perf & Sqz 100 sx cm 6. Cut off well head, ve 4" diameter 4' tall Abov Spud Date: I hereby certify that the inform SIGNATURE Delilah / Type or print name Delilah F For State Use Only	30'. Circ hole w/ MLF t @ 3400-3200'. WOC 50-1550'. WOC & Tay 10-1210'. WOC & Tay nt @ 441' to surface. (erify cmt @ surface, w ve Ground Marker ation above is true and <i>Elores</i>	2 & Tag (8 5/8" Shoe) g (B/Salt) g (T/Salt) (13 3/8" Shoe). Top off 8 5/8 eld on Dry Hole Marker. Rig Release Date: 	annulus w/ cmt SEE OF / owledge and belief. nnician I)mec.com	ATTACHED CONDITIONS APPROVAL
575-263-6633	proposed completion 1. Set 5 ½" CIBP @ 58 2. Perf & Sqz 50 sx cm 3. Spot 25 sx cmt @ 17 4. Spot 25 sx cmt @ 14 5. Perf & Sqz 100 sx cm 6. Cut off well head, ve 4" diameter 4' tall Abov Spud Date: I hereby certify that the inform SIGNATURE Delilah I Type or print name Delilah F	30'. Circ hole w/ MLF t @ 3400-3200'. WOC 50-1550'. WOC & Tay 10-1210'. WOC & Tay nt @ 441' to surface. (erify cmt @ surface, w ve Ground Marker ation above is true and <i>Elores</i>	2 & Tag (8 5/8" Shoe) g (B/Salt) g (T/Salt) (13 3/8" Shoe). Top off 8 5/8 eld on Dry Hole Marker. Rig Release Date: complete to the best of my kn 	annulus w/ cmt SEE OF / owledge and belief. nnician I)mec.com	ATTACHED CONDITIONS

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Received by OCD: 3/28/2022 11:40:02 AM

Mack Er	ergy Corporation		CURRENT
Author:	Abby BCM		
Well Name	Barbaro State	Well No.	#1
Field/Pool	Vacuum, Delaware, Mid	API#:	30-025-30941
County	Lea	Location:	Sec 17, T18S, R35E
State	NM		1700 FSL & 330 FEL
Spud Date	7/11/2014	GL:	3942

Description	0.D.	Grade	Weight	Depth	Hole	Cmt Sx	TOC
Surface Csg	13 3/8	K55	54.5	391	17 1/2	445	Circ'd
Inter Csg	8 5/8	K55	32	3,350	12 1/4	2,000	130 TS
Prod Csg	5 1/2	K55	15.5	6,652	7 7/8	810	Circ'd

			Formation Top
			T/Salt 136
			Anhy 170
		13 3/8 54.5 CSG @ 391	B/Salt 170
			Yates 313
			7 Rivers 357
			Queen 430
			San Andres 481 Del Sand 539
			Bone Springs 660
			Bone optinga
		8 5/8 32 CSG @ 3,350	
2			
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	74552 1. 4997 7676, 7	Perfs @ 4327-4339. 08/08/12 Sqz'd perfs w/ 150 sx class C w/ 2%	
	L 1987 1997 - 1997 1997 - 1997 - 1997 1997 - 1997 - 1997 1997 - 1997 - 1997 1997 - 1997 - 1997 - 1997 1997 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977	Perfs @ 5396-5416. 01/29/13 Sqz'd perfs w/ 200 sx cmt	
	Б. Т	Perfs @ 5808-5818. 08/26/14 Sqz'd perfs	
		- , ,	32.7451897
		Perfs @ 5880-5922	-103.4721756
		2 7/8 J55 set @ 5938'	-100,4721100
TDPB @	6280	5 1/2 15.5 CSG @ 6,652	

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ergy Corporation		PROPOSED
Abby BCM		
Barbaro State	Well No.	#1
acuum, Delaware, Mid	AP1 #:	30-025-30941
Lea	Location:	Sec 17, T18S, R35E
NM	•	1700 FSL & 330 FEL
7/11/2014	GL: -	3942
	Barbaro State acuum, Delaware, Mid Lea NM	Barbaro State Well No. acuum, Delaware, Mid API #: Lea Location: NM

Description	O.D.	Grade	Weight	Depth	Hole	Cmt Sx	TOC
Surface Csg	13 3/8	K55	54.5	391	17 1/2	445	Circ'd
Inter Csg	8 5/8	K55	32	3,350	12 1/4	2,000	130 TS
Prod Csg	5 1/2	K55	15.5	6,652	7 7/8	810	Circ'd

		Formation 1	Гор
		T/Salt	1360
		Anhy	1700
		B/Salt	1700
2		Yates	3133
		7 Rivers	3576
		Queen	4306
		San Andres	4810
		Del Sand	5396
		Bone Springs	6605
		Jone ophings	0000
	3. Spot 25 sx cmt @ 1750-1550'. WOC & Tag (B/Salt)		
	8 5/8 32 CSG @ 3,350		
4	2. Perf & Sqz 50 sx cmt @ 3400-3200'. WOC & Tag (8 5/8" Shoe)		
ji 👘			
	Perfs @ 4327-4339. 08/08/12 Sqz'd perfs w/ 150 sx class C w/ 2%		
	Perfs @ 5396-5416. 01/29/13 Sqz'd perfs w/ 200 sx cmt		
	Perfs @ 5808-5818. 08/26/14 Sqz'd perfs		
	1. Set 5 1/2" CIBP @ 5830'. Circ hole w/ MLF. Pressure test csg. Spot 25 sx cmt @ 5830-5630'.		
	Perfs @ 5880-5922		
	2 7/8 J55 set @ 5938'	32.7451	897
		-103.472	
		-100.472	1100
	5 1/2 15.5 CSG @ 6,652		
TDPB @ 6280			
TD @ 6652			

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 REQ.UIRMENTS

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

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

COMMENTS

Operator:	OGRID:
MACK ENERGY CORP	13837
P.O. Box 960 Artesia, NM 882110960	Action Number: 93492
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

COMMENTS

Created By	Comment	Comment Date
plmartinez	DATA ENTRY PM	5/20/2022

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Action 93492

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

CONDITIONS

Operator:	OGRID:
MACK ENERGY CORP	13837
P.O. Box 960	Action Number:
Artesia, NM 882110960	93492
	Action Type:
	[C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By		Condition Date
kfortner	See attached COA	5/19/2022

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Action 93492