

Public Information Act Notice  
Two Copies  
Asst. Dir. DISTRICT  
1625 N. French Dr., 1100 S. NM 88210  
1000 Rio Brazos Rd., Aztec, NM 87410  
District III  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
**RECEIVED**  
APR 04 2014

State of New Mexico  
Energy, Minerals and Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-105  
Revised August 1, 2011

1. WELL API NO.  
30-015-42101  
2. Type of Lease  
☐ STATE ☒ FEE ☐ FED/INDIAN  
3. State Oil & Gas Lease No.

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

4. Reason for filing:  
☒ **COMPLETION REPORT** (Fill in boxes # 1 through #31 for State and Fee wells only)  
☐ **C-144 CLOSURE ATTACHMENT** (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17-13.K NMAC)

5. Lease Name or Unit Agreement Name  
Ape Fee  
6. Well Number:

7. Type of Completion:  
☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER

8. Name of Operator Mack Energy Corporation 9. OGRID 013837

10. Address of Operator P.O. Box 960, Artesia, NM 88210 11. Pool name or Wildcat Cass Draw; Bone Spring

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	L	4	23S	27E		2310	South	330	West	Eddy
BH:										

13. Date Spudded	14. Date T.D. Reached	15. Date Rig Released	16. Date Completed (Ready to Produce)	17. Elevations (OF and RKB, RT, GR, etc)
7/12/14	7/22/14	7/24/14	8/18/2014	3151' GR

18. Total Measured Depth of Well	19. Plug Back Measured Depth	20. Was Directional Survey Made?	Gamma Ray, Neutron, Density, etc. Run
9151'	9104'	None	Lateralog, Spectral Gamma Ray

22. Producing Interval(s), of this completion - Top, Bottom, Name  
6487-6706' Cass Draw; Bone Spring

**CASING RECORD (Report all strings set in well)**

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8" H-40	48	419	17 1/2	475	None
9 5/8" J-55	36	1836	12 1/4	1836	None
7" HCP-110	26	9151	8 3/4	9151	None

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8", L-80	6400'	

26. Perforation record (interval, size, and number)  
6487-6706', 42. 50 holes  
Plug @ 6740'  
7075-7166', 42. 50 holes  
Plug @ 7190'  
8706-9020', 42. 50 holes

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.  
DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED  
6487-9020' See C-103 for details

**PRODUCTION**

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)			Well Status (Prod. or Shut-in)		
8/18/2014		Flowing			Producing		
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
8/26/2014	24 hours			101	183	522	1811
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
			101	183	522	46.200	

29. Disposition of Gas (Sold, used for fuel, vented, etc)  
Sold

30. Test Witnessed By  
Robert Chase

31. List Attachments

Logs and Deviation Survey

32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.

33. If an on-site burial was used at the well, report the exact location of the on-site burial:

Latitude Longitude NAD 1927 1983

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

Signature Deana Weaver Printed Name Deana Weaver Title Production Clerk Date 9.3.14

E-mail Address dweaver@mec.com

*db*

**Ape Fee #1**

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt 1155	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 1715	T. Atoka	T. Fruitland	T. Penn. T"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T.Granite
T. Blinbry	T. Gr. Wash	T. Dakota	
T.Tubb	T. Delaware Sand 2108	T. Morrison	
T. Drinkard	T. Bone Springs 5403	T.Todilto	
T. Abo	T. Cherry Canyon- 2812	T. Entrada	
T. Wolfcamp 9041	T. Brushy Canyon- 4008	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough Q	T.	T. Permian	

## OIL OR GAS SANDS OR ZONES

No. 1, from ..... to ..... No. 3, from ..... to .....  
No. 2, from ..... to ..... No. 4, from ..... to .....

## IMPORTANT WATER SANDS

**Include data on rate of water inflow and elevation to which water rose in hole.**

No. 1, from ..... to ..... feet  
 No. 2, from ..... to ..... feet  
 No. 3, from ..... to ..... feet

## LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology