

Submit To Appropriate District Office Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505	<b>HOBBS</b> <b>OCD</b> State of New Mexico Energy, Minerals and Natural Resources  Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 <b>RECEIVED</b>	Form C-105 July 17, 2008
JUL 10 2013		1. WELL API NO. <b>30-025-40652</b>
2. Type of Lease <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN		3. State Oil & Gas Lease No. <b>VB-1421</b>

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

4. Reason for filing: <input checked="" type="checkbox"/> <b>COMPLETION REPORT</b> (Fill in boxes # 1 through #31 for State and Fee wells only) <input type="checkbox"/> <b>C-144 CLOSURE ATTACHMENT</b> (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 <b>Utah State (DHC-4619)</b> 6. Well Number: <b>1</b>
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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  
**Arkansas Junction; San Andres, Bone Spring**

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	K	13	18S	36E		2310	South	2310	West	Lea
BH:										

13. Date Spudded <b>12/20/12</b>	14. Date T.D. Reached <b>1/1/2013</b>	15. Date Rig Released <b>1/5/2013</b>	16. Date Completed (Ready to Produce) <b>6/12/2013</b>	17. Elevations (DF and RKB, RT, GR, etc.) <b>3769' GR</b>
18. Total Measured Depth of Well <b>9320'</b>		19. Plug Back Measured Depth <b>9279'</b>	20. Was Directional Survey Made? <b>NO</b>	21. Type Electric and Other Logs Run

22. Producing Interval(s), of this completion - Top, Bottom, Name  
**4910.5-5250' Arkansas Junction; San Andres 6380-8416' Arkansas Junction; Bone Spring**

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

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8, J-55	24	1618	12 1/4	1103sx	None
5 1/2, L-80	17	9319	7 7/8	2050sx	None

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKCEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8" J-55	8417'	

26. Perforation record (interval, size, and number) <b>San Andres</b> 4910.5-4970', .42, 30 4987-5035', .42, 29 5200-5250', .42, 60	<b>Bone Spring</b> 6380-6390', .42, 40 8292-8416', .42, 40
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL    AMOUNT AND KIND MATERIAL USED <b>4910.5-8416'</b> See C-103 for Details	

**28. PRODUCTION**

Date First Production <b>6/13/2013</b>		Production Method ( <i>Flowing, gas lift, pumping - Size and type pump</i> ) <b>2 1/2 x 2 x 20' pump</b>			Well Status ( <i>Prod or Shut-in</i> ) <b>Producing</b>		
Date of Test <b>7/9/2013</b>	Hours Tested <b>24hrs</b>	Choke Size	Prod'n For Test Period	Oil - Bbl <b>47</b>	Gas - MCF <b>50</b>	Water - Bbl. <b>650</b>	Gas - Oil Ratio <b>1063</b>
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. <b>47</b>	Gas - MCF <b>50</b>	Water - Bbl. <b>650</b>	Oil Gravity - API - ( <i>Corr.</i> ) <b>32.00</b>	

29. Disposition of Gas (Sold, used for fuel, vented, etc)  
**Sold**    30. Test Witnessed By  
**Robert C. Chase**

31. List Attachments

32. If a temporary pit was used at the well, attach a plat with the location of 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 7.9.13

E-mail Address dweaver@mec.com

DHC - 4619    *Ro*

AUG 15 2013

# 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 1814	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 3173	T. Atoka	T. Fruitland	T. Penn. T"
T. Yates 3056	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers 3393	T. Devonian	T. Cliff House	T. Leadville
T. Queen 4010	T. Silurian	T. Menefee	T. Madison
T. Grayburg 4458	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres 4823	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzle
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand 5454	T. Morrison	
T. Drinkard	T. Bone Springs 5796	T. Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp 8945	T.	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

2000-0000-0000