

NMOCD

Form 3160-4  
(August 1999)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: November 30, 2000

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			5. Lease Serial No. NMLC029419A		
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____			6. If Indian, Allottee or Tribe Name		
2. Name of Operator CHEVRON USA INCORPORATED			7. Unit or CA Agreement Name and No. NMNM71030X		
3. Address PO BOX 960 ARTESIA, NM 88211-0960			8. Lease Name and Well No. SKELLY UNIT 946		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 22 T17S R31E Mer NMP At surface NWNE 330FNL 1650FEL At top prod interval reported below At total depth			9. API Well No. 30-015-32965-00-S1		
14. Date Spudded 12/10/2004			15. Date T.D. Reached 12/29/2004		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 01/18/2005			17. Elevations (DF, KB, RT, GL)* 3863 GL		
18. Total Depth: MD 5430 TVD			19. Plug Back T.D.: MD 5411 TVD		
20. Depth Bridge Plug Set: MD TVD			21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GR N D L SGR		
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis)					

## 23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H-40	48.0	0	449		500		0	0
12.250	8.625 J-55	24.0	0	1616		800		0	0
7.875	5.500 J-55	17.0	0	5399		1755		0	0

## 24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	5259							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PADDOCK	5001	5239	5001 TO 5239	0.450	78	OPEN
B)						
C)						
D)						

## 27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
5001 TO 5239	5000 GALS 15% NEFE
5001 TO 5239	32,000 GALS 20% ACID, 54,000 GALS 40# GEL, 5000 GALS 15% NEFE

## 28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
01/20/2005	02/07/2005	24	→	35.0	59.0	423.0			ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Fwgs. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→	35	59	423		POW	

## 28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Fwgs. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

ACCEPTED FOR RECORD

FEB 16 2005

ALEXIS C. SWOBODA  
PETROLEUM ENGINEER

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #54095 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

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

SOLD

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				YATES SEVEN RIVERS QUEEN GRAYBURG SAN ANDRES GLORIETA	1646 2114 2726 3118 3478 4944

## 32. Additional remarks (include plugging procedure):

01/14/2005 Perforated 78 holes from 5001.5-5239'.

01/15/2005 Acidized w/5000 gals 15% NEFE.

01/17/2005 Reacidized w/32000 gals 20% acid, 54,000 gals 40# gel, 5000 gals 15% NEFE.

01/18/2005 RIH w/162 joints 2 7/8" tubing SN @ 5259', RIH w/2 1/2"x2"x16" pump.

## 33. Circle enclosed attachments:

- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.)     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis   | 7 Other:      |                       |

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #54095 Verified by the BLM Well Information System.  
For CHEVRON USA INCORPORATED, sent to the Carlsbad  
Committed to AFMSS for processing by LINDA ASKWIG on 02/15/2005 (05LA0397SE)

Name (please print) JERRY W SHERRELL

Title PRODUCTION CLERK

Signature (Electronic Submission)

Date 02/15/2005

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.

**\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\***

# L & M DRILLING, INC.

OIL WELL DRILLING CONTRACTORS

PO BOX 1370 ARTESIA, NEW MEXICO 88211-1370

(505) 746-4405 746-3518 748-2205

RECEIVED

January 10, 2005

JAN 11 2005

Mack Energy Corporation  
PO Drawer 980  
Artesia, NM 88211-0960

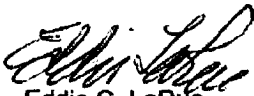
RE: Skelly Unit #946  
330' FNL & 1650' FEL  
Sec. 22, T17S, R31E  
Eddy County, New Mexico

Gentlemen:

The following is a Deviation Survey for the above captioned well.

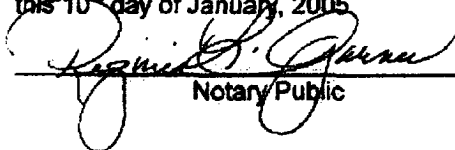
DEPTH	DEVIATION	DEPTH	DEVIATION
153'	1/4°	2689'	1°
447'	1°	2965'	1°
652'	1 3/4°	3417'	1 3/4°
809'	1 1/2°	3769'	2°
1060'	3/4°	4110'	1 3/4°
1342'	1/2°	4339'	2°
1499'	1°	4799'	2°
1968'	3/4°	5174'	2°
2340'	1/4°	5430'	1 3/4°

Very truly yours,

  
Eddie C. LaRue  
Vice President

STATE OF NEW MEXICO }  
COUNTY OF EDDY }

The foregoing was acknowledged before me  
this 10<sup>th</sup> day of January, 2005.

  
Notary Public

