

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: November 30, 2000

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
NMLC029419A

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other \_\_\_\_\_

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator  
CHEVRONTXACO Contact: ROBERT CHASE  
E-Mail: jerrys@mackenergycorp.com

8. Lease Name and Well No.  
SKELLY UNIT 941

3. Address P.O. BOX 960  
ARTESIA, NM 88211-0960 3a. Phone No. (include area code)  
Ph: 505.748.1288

9. API Well No.  
30-015-32600

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface NENW 990FNL 1650FWL

At top prod interval reported below

At total depth

10. Field and Pool, or Exploratory  
FREN PADDOCK

11. Sec., T., R., M., or Block and Survey  
or Area Sec 22 T17S R31E Mer NMP

12. County or Parish  
EDDY 13. State  
NM

14. Date Spudded  
09/23/2003 15. Date T.D. Reached  
10/06/2003 16. Date Completed  
☐ D & A ☒ Ready to Prod.  
11/14/2003

17. Elevations (DF, KB, RT, GL)\*  
3836 GL

18. Total Depth: MD 5478 TVD 19. Plug Back T.D.: MD 5458 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? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit analysis)  
Directional Survey? ☐ No ☒ 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H-40	48.0	0	450		500			
12.250	8.625 J-55	24.0	0	1628		800			
7.875	5.500 J-55	17.0	0	5472		1010			

**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	5233							

**25. Producing Intervals**

**26. Perforation Record**

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) FREN PADDOCK	4925	5226	4925 TO 5226	0.450	96	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
4925 TO 5226	5000 GALS 15% NEFE, 32,000 GALS 20% ACID, 54,000 GALS 40# GEL, 5000 GALS 15% NEFE

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DEC 22 2003

OCD-ARTESIA

**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
11/20/2003	12/14/2003	24	→	104.0	102.0	355.0			ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	0	32.0	→	104	102	355	981	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. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

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

ELECTRONIC SUBMISSION #25552 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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## 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
FREN PADDOCK	4925	5226		YATES SEVEN RIVERS QUEEN GRAYBURG SAN ANDRES GLORIETTA	1714 2047 2650 3034 3380 4880

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

11/10/2003 Drill out DV tool.  
11/11/2003 Perforated from 4925-5226.5' 96 holes.  
11/12/2003 Acidized w/5000 gals 15% NEFE.  
11/13/2003 Reacidized w/32,000 gals 20% Acid, 54,000 gals 40# gel, 5000 gals 15% NEFE and 4500 gals fresh water flush.  
11/14/2003 RIH w/169 joints 2 7/8" 8rd J-55 SN @ 5233', RIH w/2 1/2 x 2 x 16' 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 #25552 Verified by the BLM Well Information System.  
For CHEVRONTEXACO, sent to the Carlsbad

Name (please print) JERRY SHERRELL

Title PRODUCTION CLERK

Signature (Electronic Submission)

Date 12/19/2003

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.

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# L & M DRILLING, INC.

OIL WELL DRILLING CONTRACTORS  
PO BOX 1370 ARTESIA, NEW MEXICO 88211-1370  
(505) 746-4405 746-3518 748-2205

October 15, 2003

Mack Energy Corporation  
PO Drawer 960  
Artesia, NM 88211-0960

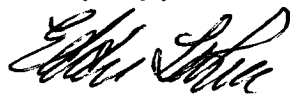
RE: Skelly Unit #941  
990' FNL & 1650' FWL  
Sec. 22, T17S, R31E  
Eddy County, New Mexico

Gentlemen:

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

DEPTH	DEVIATION	DEPTH	DEVIATION
338'	1 1/4°	2905'	1°
421'	1 1/4°	3432'	1 1/4°
688'	1 1/4°	3895'	1 1/4°
998'	1°	4393'	1 1/2°
1490'	1 3/4°	4860'	1 12°
1698'	1 1/4°	5386'	1°
1976'	1/2°	5448'	1°
2408'	1°	5478'	1°

Very truly yours,



Eddie C. LaRue  
Vice President

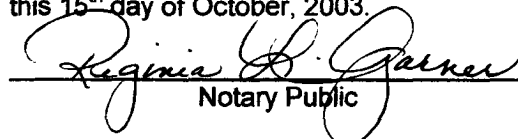
RECEIVED

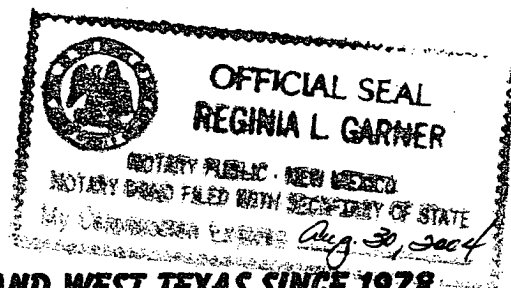
DEC 22 2003

OCD-ARTESIA

STATE OF NEW MEXICO }  
COUNTY OF EDDY }

The foregoing was acknowledged before me  
this 15<sup>th</sup> day of October, 2003.

  
Notary Public



# Mack Energy Corporation Drilling Report

29742 ✓

LEASE NAME, WELL NUMBER <b>Skelly Unit 941</b> ✓			COUNTY <b>Eddy</b> ✓	LEASE NUMBER <b>LC-029419 A</b> ✓
LOCATION OF WELL <b>990 FNL 1650 FWL</b> ✓			STATE <b>NM</b> ✓	API NUMBER <b>30-015-32600</b> ✓
SECTION TOWNSHIP RANGE <b>Unit C Sec 22 T17S R31E</b> ✓ <i>NE 1/4 NW 1/4</i>			ELEVATION RKB <b>3847.5</b> ✓	POOL NAME <b>26770 Fren Paddock</b> ✓
DATE SPUDDED <b>9/23/03</b> ✓	DATE TD REACHED <b>10/6/03</b> ✓	DATE COMPLETED <b>11/14/03</b> ✓	ELEVATION CASING HEAD <b>3836' GR</b> ✓	PROPOSED DEPTH <b>6000</b> ✓
TOTAL DEPTH <b>5478'</b> ✓	PLUG BACK TD <b>5458'</b> ✓	PRODUCING INTERVAL OF THIS COMPLETION- TOP, BOTTOM, NAME <b>Paddock</b>		

## Casing Report

CASING SIZE/GRADE	WEIGHT, LB/FT	DEPTH SET	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD
<b>13 3/8" J-55</b> ✓	<b>48#</b> ✓	<b>450'</b> ✓	<b>17 1/2"</b> ✓	<b>Class C 2% CaCl yield 1.36</b>
<b>8 5/8" J-55</b> ✓	<b>24#</b> ✓	<b>1628'</b> ✓	<b>12 1/4"</b> ✓	<b>35-65-6 1/4# CF 6# salt 1.99 yield Class C 2% CC yield 1.32</b>
<b>5 1/2" J-55</b> ✓	<b>17#</b> ✓	<b>5472'</b> ✓	<b>7 7/8"</b> ✓	<b>35/65 Lite/35/65 Yield 1.99 50/50 Poz Yield 1.36</b>

## Cement Report

CASING SIZE	AMOUNT CEMENT	CEMENT TYPE	COMMENTS
<b>13 3/8"</b> ✓	<b>500sks</b> ✓	<b>Class C 2% CaCl yield 1.36</b>	<b>Plug Down @ 11:30PM 9/24/03</b>
<b>8 5/8"</b> ✓	<b>800sx</b> ✓	<b>35-65-6 1/4# CF 6# salt 1.99 yield Class C 2% CC yield 1.32</b>	<b>Plug down @ 12:30PM 9/27/2003</b>
<b>5 1/2"</b> ✓	<b>1010sks</b> ✓	<b>35/65 Lite/35/65 Yield 1.99 50/50 Poz Yield 1.36</b>	<b>Plug Down @ 6:00AM 10/9/03</b>

## Tubing Record

TUBING SIZE	TUBING TYPE	DEPTH SET	NUMBER JOINTS
<b>2 7/8"</b> ✓	<b>J-55 New</b> ✓	<b>5233'</b> ✓	<b>169</b> ✓

## Rod Design

SIZE	TYPE	CONDITION	AMOUNT	FOOTAGE
<b>7/8</b>	<b>T-66</b>	<b>New</b>	<b>59</b>	<b>1475'</b>
<b>3/4</b>	<b>T-66</b>	<b>New</b>	<b>147</b>	<b>3675'</b>

### BRIEF DESCRIPTION OF DIRECTION TO WELL

East of Artesia to 1/4 mi. past 529 T/L to loc. on right.

## Formation Tops

TOP SALT	<b>RECEIVED</b> <b>DEC 22 2003</b> <b>OCD-ARTESIA</b>
BASE SALT	
T 7 RIVERS	
TOP QUEEN	
TOP SAN ANDRES	
TOP GLORRITA	
TOP ABO	

## Production Test Data

DATE OF FIRST PRODUCTION <b>11/20/03</b>		PRODUCTION METHOD (Flowing, gas lift, pumping- size and type of pump) <b>2 1/2 x 2 x 16 RHBC PAP</b>				WELL STATUS (Producing or Shut-In) <b>producing</b>	
DATE OF TEST <b>11/20/03</b>	HOURS TESTED <b>24</b>	CHOKE SIZE <b>None</b>	OIL BBL <b>41</b>	GAS MCF <b>55</b>	WATER BBL <b>420</b>	GAS OIL RATIO <b>1585-1</b>	

## Equipment Data

PUMP JACK SIZE <b>320</b>	PUMP JACK TYPE <b>Lufkin</b>	MACK ENERGY SERIAL NUMBER	LENGTH OF STROKE <b>120</b>	LINER SIZE <b>1 1/2 x 1 1/4 x 14'</b>
TUBING HEAD SIZE <b>5 1/2" x 2 7/8"</b>	TUBING HEAD TYPE <b>Larkin</b>	PERFORATION RECORD (Interval, size, and number) <b>4925'-5226.5 96-holes</b>		
TUBING ANCHOR <b>4744'</b>				
DV TOOL <b>4024'</b>				
MARKER JOINT <b>4917'</b>				

# MACK ENERGY CORPORATION

## SKELLY UNIT #941

Sec 22 T17S R31E 990 FNL 1650 FWL

### WELL HISTORY

**ELEV:** 3836' GR

**PBTD:** 5458'

**TD:** 5478' 500

**SP Csg:** 13 3/8" H-40 48# 10jts set @ 450', C/w 500sks Class C 2% CaCl yield 1.36, (circ 88sks)

**INT Csg:** 8 5/8" 24# J-55 @ 1628' c/w 600 sx 35-65-6 1/4# CF 6# Salt & 200 sx Class C 2% CC. Circ. 65 sx. 600  
200  
800

**LS Csg:** 5 1/2" 17# J-55 LT&C 123jts @ 5472', cmt w/1st stage 260sks 50/50:2 5%KCL, 5#LCM, 1%FL25, 2/10% FL52, 3/10%SMS, (circ 48sks) 2nd stage 500sks 35/65:6 BJ Lite tail 250sks 50/50:2, squeeze last 10bbls into water flow shut DV tool @ 2100PSI (circ 28sks)  
260  
500  
250  
10

**DV TOOL:** 4024'

**MRK JT:** 4917'

**CIBP:**

**T SALT:**

**B SALT:**

**PERFS:** 4925'-5226.5' 96-holes 1SPF 0.45" hole

### WATER FLOW 2218'

### DRILLING REPORT

09/23/2003 Spud 17 1/2" hole at 3:30 PM full returns.

09/24/2003 TD Well at 454' 17 1/2" hole circ, POH, rig up csg crew RIH 13 3/8" H-40 48# 10jts set @ 450', BJ cmt 500sks Class C 2% CaCl yield 1.36, circ 88sks to pit plug down 11:30PM 9/24/03, ND flowpipe NU BOP(BLM called did not witness) test BOP.

09/26/2003 Drlg 12 1/4" hole 969', survey 1 1/4deg at 969, full returns.

09/27/2003 3:30AM TD 12 1/4" hole @ 1635'. RIH w/36 jts 8 5/8": 24# J-55 @ 1628'. RU BJ & c/w 600 sx 35-65-6 1/4# CF 6 # salt & 200 sx Class C 2% CC. Circ. 65 sx. Plug down @ 12:30PM. Water flow pushing cmt. out of hole. Pack well head off & Shut in for 6 hrs.

09/28/2003 TEST BOP, RIH 7 7/8" bit drilling new formation.

09/29/2003 Depth 2218 drilling 7 7/8" hole WATER FLOW 16BPH goes down to 4 BPH sometimes, survey 1/2deg at 1976'.

10/01/2003 Drilling @ 3226' water flow about 11BPH.

10/03/2003 Drilling @ 4107', survey 1 1/4deg at 3895', Water flow 17BPH.

11/26/2003

941.WK4