

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Box Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

**OIL CONSERVATION DIVISION**

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL API NO.	30-025-06837
5. Indicate Type of Lease	STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil / Gas Lease No.	
7. Lease Name or Unit Agreement Name	EUNICE KING
8. Well No.	1
9. Pool Name or Wildcat	PENROSE SKELLY GRAYBURG
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	3458' GL

**SUNDRY NOTICES AND REPORTS ON WELLS**  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO  
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT  
(FORM C-101) FOR SUCH PROPOSALS.

1. Type of Well: OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. Name of Operator  
CHEVRON USA INC

3. Address of Operator  
15 SMITH RD, MIDLAND, TX 79705

4. Well Location  
Unit Letter E : 1980' Feet From The NORTH Line and 660' Feet From The WEST Line  
Section 28 Township 21-S Range 37-E NMPM LEA COUNTY

10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3458' GL

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

**NOTICE OF INTENTION TO:**

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐  
OTHER: CLEANOUT WELLBORE, ACIDIZE ☒

**SUBSEQUENT REPORT OF:**

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPERATION ☐ PLUG AND ABANDONMENT ☐  
CASING TEST AND CEMENT JOB ☐  
OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

CHEVRON U.S.A. INC. INTENDS TO CLEANOUT THE WELLBORE, ACIDIZE, & EQUIP TO ROD PUMP IN THE SUBJECT WELL.

THE INTENDED PROCEDURE, AND CURRENT AND PROPOSED WELLBORE DIAGRAMS ARE ATTACHED FOR YOUR APPROVAL.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Denise Pinkerton TITLE Regulatory Specialist

DATE 8/31/2006

TYPE OR PRINT NAME Denise Pinkerton

Telephone No. 432-687-7375

(This space for State Use)

APPROVED Gary W. Wink TITLE OG FIELD REPRESENTATIVE II/STAFF MANAGER  
CONDITIONS OF APPROVAL, IF ANY:

DATE

**SEP 05 2006**

DeSoto/Nichols 12-93 ver 1.0

**Eunice King # 1**

**Penrose Skelly Field**

**T21S, R37E, Section 28**

**Job: Cleanout Wellbore, Acidize, And Install Rod Pumping Equipment**

**Procedure:**

1. *This procedure is based on the most recent information regarding wellbore configuration and equipment that could be found in the Midland well files and computer databases as of 8/31/2006. Verify what is in the hole with the wellfile in the Eunice NM office. Discuss w/ WEO Engineer, Workover Rep, OS, ALS, and pumper prior to RU regarding any unknown issues pertaining to this well.*
  2. Displace flowline with fresh water. Have field specialist close valve at header. Pressure line according to the type of line. Buried fiberglass lines will be tested with 300 psi. All polypipe (SDR7 and SDR11) will be tested w/100 psi. All steel lines will be tested w/500 psi. If a leak is found, contact Donnie Ives for repair/replacement. If test is good, bleed off pressure and **open valve** at header. Document this process in the morning report.
  3. MI & RU pulling unit. Bleed pressure from well, if any. Pump down tbg with 8.6 PPG cut brine water, if necessary to kill well. Remove WH. Install BOP's and test to 2000 psi. Release pkr. POH with 2 7/8" tbg string, pkr and on-off tool. LD pkr and on-off tool.
  4. PU and GIH with 4 3/4" MT bit and 2 7/8" work string to TD at 3904'. If fill is tagged, MI&RU air unit and clean out open-hole to 3904' using foam. Circulate well clean from 3904'. RD & release air unit.
  5. MI & RU DS Services. Acidize open-hole 3622-3904' with 5,000 gals anti-sludge 15% HCl acid\* at a maximum rate **as shown below** and a maximum surface **tubing** pressure of **2500 psi** and maximum surface **casing** pressure of **500 psi**. Pump down tbg with bit at 3904' and spot acid from TD up to 3500'. PUH with bit to 3500'. Close csg and pump remainder of acid down tbg and into open-hole 3622-3904' at **5 BPM**. Displace acid with 25 bbls 8.6 PPG cut brine water down tbg and 65 bbls 8.6 PPG cut brine water down csg. **Note: Do not exceed 500 psi csg pressure.** RD and DS Services. **SWI overnight.**
- |                              |            |                     |
|------------------------------|------------|---------------------|
| * Acid system is to contain: | 1 GPT A264 | Corrosion Inhibitor |
|                              | 8 GPT L63  | Iron Control Agent  |
|                              | 2 PPT A179 | Iron Control Aid    |
|                              | 20 GPT U66 | Mutual Solvent      |
|                              | 2 GPT W53  | Non-Emulsifier      |
6. Open well. POH with 2 7/8" work string and bit. LD bit. PU 5 1/2" pkr and GIH on 2 7/8" work string to 3600'. Set pkr at 3600'.
  7. GIH and swab back acid load. Recover 100% of treatment and load volumes before shutting well in for night, if possible. Report recovered fluid volumes, pressures, and/or swabbing

fluid levels. **Note:** Selectively swab perms as directed by Engineering if excessive water is produced.

8. MI & RU pump truck. Pump down tbg with 50 bbls 8.6 PPG cut brine water containing 110 gals Baker RE-4777 Scale Inhibitor followed by 200 bbls 8.6 PPG cut brine water at **5 BPM** and **2500 psi maximum pressure**. RD and release pump truck. Release pkr. POH with 2 7/8" work string. LD 2 7/8" work string and packer.
9. PU and GIH w/ BP mud anchor jt of 2 7/8" tbg, 2 7/8" x 4' perforated sub, SN, 1 jt 2 7/8" EUE 8R J-55 IPC tbg, 6 jts 2 7/8" EUE 8R J-55 tbg, 5 1/2" TAC, and 116 jts 2 7/8" EUE 8R J-55 tbg, testing to 5000 psi. Set TAC at 3600', with EOT at 3865' and SN at 3830'.
10. Remove BOP's and install WH. GIH with rods, weight bars, and pump per ALS recommended design. RD & release pulling unit.
11. Turn well over to production. Report producing rates, choke sizes, flowing pressures and/or fluid levels.

AMH

8/31/2006

Handwritten signature and date: 8/31/06

**Location:**

1980' FNL & 660' FWL  
 Section: 28  
 Township: 21S  
 Range: 37E  
 County: Lea State: NM

**Elevations:**

GL: 3458'  
 KB: 3468'  
 DF: 3469'

**Current**  
**Wellbore Diagram**

**Well ID Info:**

Refno: FA7934  
 API No: 30-025-06837  
 L5/L6: U491600  
 Spud Date: 4/27/36  
 Compl. Date: 6/19/36

**Surf. Csg:** 10 3/4" 32# SCLW

**Set:** @ 298' w/ 250 sks

**Hole Size:** 13 3/4"

**Circ:** Yes **TOC:** Surface

**TOC By:** Calculated

**Interm. Csg:** 7 5/8", 26# SCLW

**Set:** @ 2531' w/ 450 sks

**Hole Size:** 9 7/8"

**Circ:** Yes **TOC:** 970'

**TOC By:** Calculated

**Tbg Detail: (12/30/03)**

EOT @ 3570'

5 1/2" Arrow-Set 1X Packer @ 3564'

On-Off Tool w/ 2.25" "F" Profile

113 jts. 2 7/8" EUE 8R J-55 tbg

This wellbore diagram is based on the most recent information regarding wellbore configuration and equipment that could be found in the Midland well files and computer databases as of the update date below. Verify what is in the hole with the wellfile in the Eunice NM office. Discuss w/ WEO Engineer, WFO Rep, OS, ALS, and FS prior to RU regarding any unknown issues pertaining to this well.

**Prod. Csg:** 5 1/2", 17# SCLW

**Set:** @ 3622' w/ 25 sks

**Hole Size:** 6 3/4"

**Circ:** No **TOC:** 3414'

**TOC By:** Calculated

3622-3904'

Grayburg - 4 3/4" OH

COTD: 3904'

PBTD: 3904'

TD: 3904'

Updated: 8/31/06

By: A. M. Howell

**Location:**

1980' FNL & 660' FWL  
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**Proposed**  
**Wellbore Diagram**

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#Jts:	Size:	Footage
	KB Correction	10.00
116	Jts. 2 7/8" EUE 8R J-55 Tbg	3596.00
	TAC	3.15
6	Jts. 2 7/8" EUE 8R J-55 Tbg	186.00
1	Jt. 2 7/8" EUE 8R J-55 IPC Tbg	31.00
	SN	1.10
	2 7/8" x 4' Perf Tbg Sub	4.00
1	Jt. 2 7/8" EUE 8R J-55 Tbg	31.00
	Bull Plug	0.50
<b>124</b>	<b>Bottom Of String &gt;&gt;</b>	<b>3862.75</b>

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Updated: 8/31/06

By: A. M. Howell