

Submit 3 Copies To Appropriate District Office
District I
1625 N French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S St Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
June 19, 2008

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-025-06863
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 Number 23
9. OGRID Number 4323
10. Pool name or Wildcat HARE;SIMPSON

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A 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 U.S.A. INC.

3. Address of Operator
15 SMITH ROAD, MIDLAND, TEXAS 79705

4. Well Location **B 554 1874 East**
Unit Letter **P** **2160** feet from the NORTH line and **2630** feet from the WEST line
Section 28 Township 21-S Range 37-E NMPM County LEA

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3454' GL

12. 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 ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: CLEANOUT WELLBORE & FRAC STIMULATE

OTHER:

13. 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. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

CHEVRON U.S.A. INC. INTENDS TO CLEANOUT THE WELLBORE & FRAC STIMULATE THE SUBJECT WELL.
THIS WELL IS ON THE NMOC INACTIVE WELL LIST.

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

Spud Date:

Rig Release Date:

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 11-19-2008

Type or print name DENISE PINKERTON E-mail address: leakejd@chevron.com PHONE: 432-687-7375

For State Use Only

OC DISTRICT SUPERVISOR/GENERAL MANAGER

NOV 24 2008

APPROVED BY: Larry M. Hill TITLE DATE

Conditions of Approval (if any):

Eunice King # 23
Hare Field
T21S, R37E, Section 28

Job: Cleanout Wellbore And Frac Stimulate

Procedure:

1. *This procedure is based on the most recent information regarding wellbore configuration and equipment that could be found in the Midland Office well files and computer databases as of 11/5/2008. Verify what is in the hole with the well file in the Eunice Field office. Discuss w/ WEO Engineer, Workover Rep, OS, ALS, and FS prior to rigging up on well regarding any hazards or unknown issues pertaining to the 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 workover unit. Bleed pressure from well, if any. Pump down csg with 8.6 PPG cut brine water, if necessary to kill well. POH with rods and pump. Remove WH. Install BOP's and test as required. POH with 2 7/8" production tbg string and TAC. LD TAC.
4. PU 6 1/8" MT bit and GIH on 2 7/8" work string to top of liner at 7615'. If fill is tagged above 7615', MI & RU air unit(s). LD and cleanout 7" casing to top of liner at 7615'. Circulate well clean from 7615' using foam. POH with 2 7/8" work string and bit. LD bit. RD & release air unit.
5. MI & RU Gray WL electric line unit. Install lubricator and test to 2000 psi. GIH and set CIBP at 7610'. POH. RD & release electric line unit. **Note: Use Schlumberger SP/Resistivity Log dated 7/25/50 for depth correlation.**
6. PU and GIH w/ 7" 10K treating pkr & On-Off tool w/ 2.25" "F" profile and 210 jts. of 3 1/2" EUE 8R L-80 work string, testing to 8500 psi. Set pkr at approximately 6000'. Install frac head. Pressure annulus to 500 psi to test csg and pkr. Leave pressure on csg during frac job to observe for communication.
7. MI & RU DS Services. Frac well down 3 1/2" tubing at **35 BPM** with 30,000 gals of YF130 and 64,000 lbs **resin-coated** 30/50 mesh proppant. Observe a maximum surface treating pressure of **8000 psi**. Tag frac with 1 radioactive isotope in all sand stages. Pump job as follows:

Pump 2,000 gals 2% KCL water pre-pad

Pump 10,000 gals YF130 pad containing 5 GPT J451 Fluid Loss Additive

Pump 8,000 gals YF130 containing 0.5 PPG **RC** 30/50 mesh Jordan Sand & 5 GPT J451

Pump 1,500 gals YF130 containing 1.5 PPG **resin-coated** 30/50 mesh Jordan Sand
Pump 1,500 gals YF130 containing 2.5 PPG **resin-coated** 30/50 mesh Jordan Sand
Pump 1,500 gals YF130 containing 3.5 PPG **resin-coated** 30/50 mesh Jordan Sand
Pump 1,500 gals YF130 containing 4.5 PPG **resin-coated** 30/50 mesh Jordan Sand
Pump 1,500 gals YF130 containing 5.5 PPG **resin-coated** 30/50 mesh Jordan Sand
Pump 1,500 gals YF130 containing 6.5 PPG **resin-coated** 30/50 mesh Jordan Sand
Pump 1,500 gals YF130 containing 7.5 PPG **resin-coated** 30/50 mesh Jordan Sand
Pump 1,500 gals YF130 containing 8.5 PPG **resin-coated** 30/50 mesh Jordan Sand.

Flush to 7350' with 4,360 gals WF130. **Do not overflush.** Shut well in. Record ISIP, 5, 10, and 15 minute SI tbg pressures. SWI. RD & Release DS Services. **Leave well SI overnight.**

8. Open well. Bleed pressure from well, if any. Release pkr. POH LD 3 1/2" work string, on-off tool, and pkr.
9. PU and GIH with 6 1/8" MT bit on 2 7/8" work string to top of fill in 7" casing. MI&RU air unit(s). Establish circulation using foam. LD and cleanout fill in 7" casing to top of CIBP at 7610'. Circulate well clean from 7610' using foam. POH with 2 7/8" work string and bit. LD bit.
10. MI & RU Baker Atlas electric line unit. Install lubricator and test to 1000 psi. GIH and conduct after-frac PRISM GR/Temp/CCL log from 7610' up to 6500'. POH. RD & release electric line unit. **Note: Correlate logs and run flat with Schlumberger SP/Resistivity Log dated 7/25/50.**
11. Release pkr. POH LD 2 7/8" work string and pkr.
12. PU and GIH w/ dump valve, mud anchor jt of 2 7/8" tbg, Cavins Desander, SN, 1 jt 2 7/8" EUE 8R J-55 IPC tbg, 9 jts 2 7/8" EUE 8R J-55 tbg, TAC, and 228 jts 2 7/8" EUE 8R J-55 tbg, testing to 5000 psi. Set TAC at 7100', with EOT at 7500' and SN at 7440'.
13. Remove BOP's and install WH. GIH with rods, weight bars, and pump per ALS recommended design. RD & release pulling unit.
14. Turn well over to production. Report producing rates, choke sizes, flowing pressures and/or fluid levels.

AMH
11/9/2008

Well: **Eunice King # 23**Field: **Hare**Reservoir: **Simpson****Current
Wellbore Diagram****Location:**

554' FNL & 1874' FEL
 Section: 28
 Township. 21S
 Range: 37E Unit: B
 County: Lea State: NM

Elevations:

GL: 3454'
 KB: 3465'
 DF: 3464'

Well ID Info:

Chevno. FA7960
 API No: 30-025-06863
 L5/L6: U900400
 Spud Date: 6/13/50
 Compl. Date: 7/1/50

Surf. Csg: 13 3/8" 48#, H-40
Set: @ 294' w/300 sx cmt
Hole Size: 17 1/4"
Circ: Yes **TOC:** Surface
TOC By: Circulated

Interm. Csg: 9 5/8" 36#, H40
Set: @ 2799' w/ 1300 sx cmt
Hole Size: 12 1/4"
Circ: No **TOC:** 1210'
TOC By: Temperature Survey

Tubing Detail:

#Jts:	Size:	Footage
	KB Correction	11 00
228	Jts 2 7/8" EUE 8R J-55 Tbg	7084 35
	TAC	2 75
5	Jts 2 7/8" EUE 8R J-55 Tbg	188 08
1	Jt 2 7/8" EUE 8R J-55 IPC Tbg	31 91
	SN	1 10
	2 7/8" x 4' Tbg Sub	4 00
	Cavins Desander	20 30
1	Jt 2 7/8" EUE 8R J-55 Tbg	31 05
	Dump Valve	1 00
235	Bottom Of String >>	7375.54

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Perfs:	Status
7390-7415'	McKee - Open
7435-7500'	McKee - Open
7510-46'	McKee - Open
7580-96'	McKee - Open

Prod. Csg: 7", 23# & 26#, N-80, S-80 & J-55
Set: @ 7664' w/ 700 sx cmt
Hole Size: 8 3/4"
Circ: No **TOC:** 2515'
TOC By: Temperature Survey

7740-62' Connell - Below Fill

5 1/2" OD 15.5# J-55
Liner f/ 7615-7775'. (6 1/4" hole)
 Cmtd w/35 sx Cmt Circ.

COTD: 7615'
PBTD: 7742'
TD: 7743'

Updated: 11/5/08

By: A. M. Howell

Well: Eunice King # 23

Field: Hare

Reservoir: Simpson

**Proposed
Wellbore Diagram****Location:**

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Set: @ 294' w/300 sx cmt
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Circ: Yes **TOC:** Surface
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Interm. Csg: 9 5/8" 36#, H40
Set: @ 2799' w/ 1300 sx cmt
Hole Size: 12 1/4"
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TOC By: Temperature Survey

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	TAC	2 75
9	Jts 2 7/8" EUE 8R J-55 Tbg	312 08
1	Jt 2 7/8" EUE 8R J-55 IPC Tbg	31 91
	SN	1 10
	2 7/8" x 4' Tbg Sub	4 00
	Cavins Desander	20 30
1	Jt 2 7/8" EUE 8R J-55 Tbg	31 05
	Dump Valve	1 00
239	Bottom Of String >>	7499.54

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CIBP @ 7610'
 (No cmt on top)

COTD: 7615'
PBTD: 7742'
TD: 7743'

Updated: 11/5/08

By: A. M. Howell

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7390-7415'	McKee - Open
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