OCD-HOBBS OCD

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MAR 20 2012

RECEIVED

FORM APPROVED
OMB No 1004-0137
Expires July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE *– Other instructions on page 2*

1 Type of Well ☑ Oil Well ☐ Gas Well ☐ Other	5 Lease Serial No LC-057509
	6 If Indian, Allottee or Tribe Name
	7 If Unit of CA/Agreement, Name and/or No
	8 Well Name and No G.L. ERWIN 'B' FEDERAL NCT-2 #6
2 Name of Operator CHEVRON U.S A. INC.	9 API Well No. 30-025-30874
3a Address 15 SMITH ROAD MIDLAND, TEXAS 79705 3b Phone No *(include area code)* 432-687-7375	10 Field and Pool or Exploratory Area JUSTIS; MCKEE, NORTH
4 Location of Well *(Footage, Sec., T., R., M., or Survey Description)* 4320' FSL & 330 FEL, UL P, SEC 35 T-24S, R-37E	11 Country or Parish, State LEA COUNTY, NEW MEXICO

12 CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☑ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☑ Other CLEAN OUT & ACIDIZE
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13 Describe Proposed or Completed Operation Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones Attach the Bond under which the work will be performed or provide the Bond No on file with BLM/BIA Required subsequent reports must be filed within 30 days following completion of the involved operations If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection)

CHEVRON U S A INC. INTENDS TO CLEAN OUT & ACIDIZE THE SUBJECT WELL.

PLEASE FIND ATTACHED, THE INTENDED PROCEDURE, WELLBORE DIAGRAM, & C-144 INFORMATION FOR THE NMOCD

APPROVED
MAR 19 2012
/s/ JD Whitlock Jr
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

Approve w/ attached COA's
03/14/2012 PKS

14 I hereby certify that the foregoing is true and correct Name *(Printed/Typed)* DENISE PINKERTON	Title REGULATORY SPECIALIST
Signature Denise Pinkerton	Date 03/01/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
Conditions of approval, if any, are attached Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon 66 3-21-2012	Office	

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

(Instructions on page 2)

MAR 21 2012

PROCEDURE:

This procedure is meant to be followed. It is up to the WSM, Remedial Engineer and Production Engineer to make the decisions necessary to do safely what is best for the well. In the extent that this procedure does not reflect actual operations, please contact RE, PE and Superintendent for MOC.

1. **Notify BLM/OCD 48 hours prior to RU.** Review rig move checklist. Check location, anchors and pad location ahead of time.

➢ **Caliper elevators and tubular EACH DAY prior to handling tubing/tools. Note in JSA when and what items are callipered within the task step that includes that work.**

2. MIRU. Check tubing and casing pressures. Bleed well down or kill as necessary. Record SICP and SITP. TOOH w/ rods & pump. ND wellhead, unset TAC, NU BOP. PU 5-1/2" packer and set ~ @ 25', test BOP pipe rams to 250 psi/800 psi. Note testing pressures on wellview report. Release and LD packer.

   Note: Prior to ND WH, e-mail or call Remedial Engineer to discuss what it was done to mitigate the well control hazard.

3. POOH scanning w/ 2-7/8" tbg string. Tally out w/ tbg and LD and bad joints (green and red). LD TAC.

4. PU and TIH with 4-3/4" MT bit, 3-1/2" DC's on 2-7/8" production tubing. Establish circulation with 10 ppg Brine if possible. Clean out any scale/fill to 8000' (PBTD). Circulate well clean. TOH w/ WS & LD bit. Prepare to perforate.

➢ **Caliper elevators and tubular EACH DAY prior to handling tubing/tools. Note in JSA when and what items are callipered within the task step that includes that work.**

5. MIRU perforating contractor. Install lubricator. RIH w/ guns and perforate the following interval w/ 4 SPF, 3-1/8" gun @ 60/120 deg phasing (correlate w/ CN/GR log dated xx/xx/xxx):

   McKee: XXXXX

   Ensure that fluid level is at least 100' above perforations

6. POOH and LD perforating guns. RDMO perforating contractor.

7. PU 5-1/2" treating packer on 2-7/8" tubing. Test tubing to 5000 psi. Spot scale converter across perfs. PU & Set packer @ ~ 7815'. Load backside and pressure test to 500 psi. SI to soak overnight.

8. Swab back if necessary. MIRU acid contractor. Monitor and maintain 500 psi casing pressure throughout acid job. Bleed off if pressure exceeds 500 psi. RU choke. Test lines and equipment to 6000 psi. Acidize McKee perforations from 7870-7989' with 4,000 gal 15%

NEFe HCl. Flush w/ 100 bbls. Maximum pump pressure of 5000 psi. **Set pop-off in pump to less than 5000 psi.**

9. Report acid volumes and pressures throughout every stage. SI well for 1 hour allowing acid to spend. Record ISIP, 5, 10, & 15 minute SIP's.

10. Swab back or flow well to recover 100% of treatment and load volumes, if possible. Kill well if necessary.

11. Release PKR. RIH & spot scale inhibitor across perfs. PU & set packer @ ~ 7815'. Load backside and pressure test to 500 psi. SI to soak overnight.

12. Swab or flow back well until returns are clean. Release PKR. POOH & LD PKR.

13. PU & RIH w/ 2-7/8" J-55 production tbg w/ appropriate BHA as prescribed by ALCR, hydrotesting all tubing (including any new joints) to 5000 psi.

14. NDBOP & set TAC w/ 20,000# tension. NUWH.

15. **Note: Prior to ND BOP, e-mail or call Remedial Engineer to discuss what it was done to mitigate the well control hazard i.e. (kill well with XX fluid, monitor well personally for XX minutes, etc).**

16. PU pump and rodstring per ALCR design. Space and hang rods & pump as recommended by ALCR. Function test pump and tubing to 500 psi.

17. RDMO. Turn over well to operations (contacts below).

CONTACT INFORMATION:

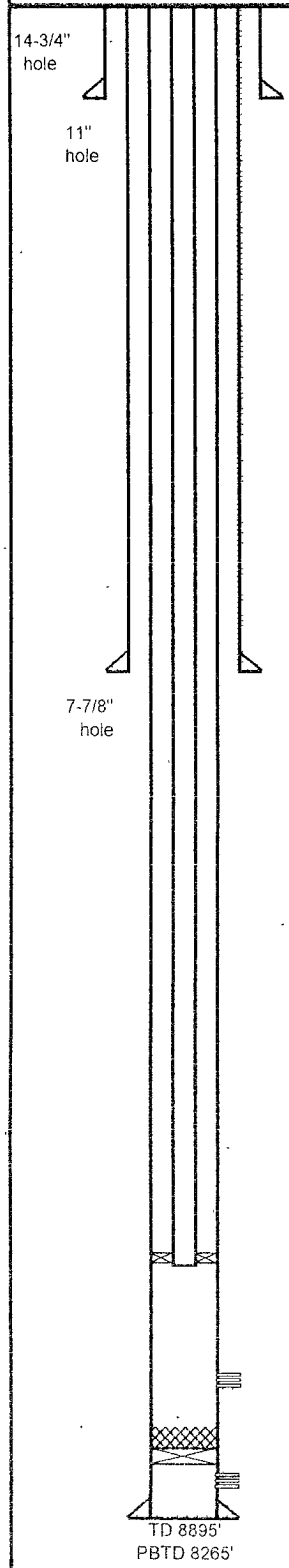
Jamie Castagno	Production Engineer	Cell: 432-530-5194
Femi Esan	Geologist	Ph: 432-687-7731
Hector Cantu	D&C Engineer	Cell: 432-557-1464
Phillip Minchew	ALCR	Cell: 432-208-3677
Aaron Dobbs	AL/WSM	Cell: 505-631-9071

Erwin B NCT-2 #6

Location: 430' FSL & 330' FEL, Sec. 25, Township 24S, Range 37E, Lea Couty, NM

API: 30-025-30874	CHEVNO: KX1748	DATE CHKD:	Feb. 12, 2012
FIELD: Dollarhide - Justis		BY:	JXXF
LEASE/UNIT: Erwin B NCT-2		WELL:	#6
COUNTY: Lea		STATE:	New Mexico

SPUD DATE	7/31/1990	KB =	+14'
COMP DATE	10/23/1990	Elevation =	3147' GL
CURRENT STATUS	Producing (Rod Pump)	TD =	8,895
		ETD =	8,265



11-3/4" 42# H-40 ST&C csg, set @ 958' w/ 650 sx, Not circ TOC @ 20' by TS

Tubing in Hole 1/24/2007

Footage	Joints	Type
7789 77	251	2-7/8" 6 5# J-55 8RD EUE TBG
2.55	1	2-7/8" TAC
123 36	4	2-7/8" 6 5# J-55 8RD EUE TBG
32 36	1	2-7/8" 6 5# J-55 8RD EUE PCID TBG
0.85	1	SN
25 92	1	Sand Screen w/ 1" X 10' DT
7974 81		Total Tubing String
12.00		BKDB
7986 81		Final HD

8-5/8" 32# K-55 & S-80 ST&C csg, set @ 5050' w/ 2200 sx cmt , TOC @ surf by circulation

DV Tool @ 5673'

Rods in Hole. 1/24/2007

Footage	Joints	Type
12	3	1" Subs
325	13	1" Guide Rods
425	17	1" Rods
275	11	1" Steel Rods w/ Guides
400	16	1" Rods
400	16	1" Steel Rods w/ Guides
600	24	1" Rods
2875	115	7/8" Rods
2400	96	3/4" Rods
200	8	1-1/2" K-Bars
7912 00		Total Rod String

Pump Info 1/24/2007

Type	25-1 75-RHBM-24-6
Size	1-3/4" X 24' w/ 1-5/8" FN 009 Fit

Perfs- McKee 7870-80', 7906-14', 28-50', 56-64', 75-89' w/ 2 JSPF (124 holes)
Junk in hole @ 8016'
CIBP set @ 8300' w/ 35' cmt on top
Perfs- Ellenburger 8336-46', 56-64', 72-82' w/ 2 JSPF (56 holes) - SQUEEZED w/ 150 sx cmt (wet)
Perfs- Ellenburger 8430-34', 42-50' 53', 61', 66', 70' w/ 2 JSPF (32 holes) - SQUEEZED w/ 150 sx cmt (wet)
Perfs- Ellenburger. 8506-09', 45-48', 54-56', 60' 65', 69-72' w/ 2 JSPF (32 holes) - SQUEEZED w/ 150 sx cmt (wet)

5-1/2" 15 5 & 17# K-55 LT&C csg, set @ 8895' w/ 1975 sx , TOC @ surfce by circulation

Feb 29, 2012