Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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

CARLSBAD FIELD OFFICE

5 Lease Senal No NM-14218

SUNDRY NOTICES AND REPORTS ON WELLS 6 If Indian, Allottee or Tribe Name Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals. 7 If Unit of CA/Agreement, Name and/or No SUBMIT IN TRIPLICATE - Other instructions on page 2 1 Type of Well 8 Well Name and No C.C. FRISTOE B FEDERAL NCT-2 #18 Oil Well Gas Well Other 9 API Well No 30-025-33543 2 Name of Operator CHEVRON U.S.A. INC 10 Field and Pool or Exploratory Area 3b Phone No (include area code) 3a Address 15 SMITH ROAD FOWLER ELLENBURGER 432-687-7375 MIDLAND, TEXAS 79705 4 Location of Well (Footage, Sec. T.R., M., or Survey Description) 1480' FSL, & 1400' FEL, SEC 26, T-24S, R-37E, UNIT LETTER J 11 Country or Parish, State LEA, NEW MEXICO 12 CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Water Shut-Off Production (Start/Resume) Acidize Deepen ✓ Notice of Intent Well Integrity Fracture Treat Reclamation Alter Casing Other ADD PERFS, New Construction Recomplete Casing Repair Subsequent Report ACIDIZE. Plug and Abandon Temporarily Abandon Change Plans REPLACE ESP Convert to Injection Plug Back Water Disposal Final Abandonment Notice 13 Describe Proposed or Completed Operation Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. 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 ADD ELLENBURGER PERFS, ACIDIZE & REPLACE ESP RECEIVED THE INTENDED PROCEDURE AND WELLBORE DIAGRAM IS ATTACHED FOR YOUR APPROVAL. C-144 INFORMATION IS ALSO ATTACHED FOR THE NMOCD. JUL 02 2000 **HOBBSOCD** SEE ATTACHED FOR CONDITIONS OF APPROVAL 14 I hereby certify that the foregoing is true and correct Name (Printed/Typed) DENISE PINKERTON Title REGULATORY SPECIALIST ACCEPTED FOR RECORD Date 06/16/2010 AUG 0 4 2010 THIS SPACE FOR FEDERAL OR STATE OFFICE USE JUN 3 0 2010 Approved by HELLOTIFICA ENGINEER Is/ Chris Walls Conditions of approval, if any, are attached Approval of this notice does not warrant or certify BUREAU OF LAND MANAGEMENT

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

entitle the applicant to conduct operations thereon

that the applicant holds legal or equitable title to those rights in the subject lease which would

C.C. Fristoe Fed B (NCT-2) #18

Perf, Acidize, Replace ESP

- 1. MIRU pulling unit. Check & record SICP, SITP.
- 2. ND WH, NU BOP and test. COOH Scanaloging tbg, LD bad joints. Stand back good tbg.
- 3. RIH w/ retrieving tool and COOH w/ RBP set at 9363'. RIH w/ 4-3/4" bit and tag TD for fill. Clean out if necessary. COOH.
- 4. MIRU perforating company. Using 3-1/2" csg guns and correlating with SLB CNL/LD/GR log dated 9/28/1996, perforate at 4 spf the following intervals: 9426'-40'; 9500'-24'; 9556'-72'; 9578'-94'; 9614'-30'; 9664'-82'. RDMO perforating company.
- 5. RIH w/ 2-7/8" tbg and treating pkr. Set pkr at ± -9350 . Load annulus and maintain 300 psi max pressure while performing job. Note squeeze holes at 6750'.
- 6. RU acid company. Using 5 stages, pump 10000 gals 15% NE Fe HCl acid with 10000 lbs rock salt in 10000 gals gelled brine. Mamimum rate 5-6 bpm. (Note: Acid company to perform Ellemburger acid compatibility tests prior to rig up to ensure that no emulsion blocks will occur). Swab back load.
- 7. COOH/pkr. Rerun 2-7/8"production tubing and ESP, per John Bermea's design.
- 8. ND BOPE / NU tree & test. RDMO pulling unit. Turn over to production. Reports well tests until volumes stabilize.



Location: 1480' FSL & 1400' FEL Section: 26 Township. 24S Range: 37E Unit: J County, Lea State NM

Elevations: GL 3172 KB 3189 5 DF: 3188 5

Log Formation To	ps
Yates	2309
Seven Rivers	2466
Queen	2706
Grayburg	3163
San Andres	3484
Glorieta	3640
Paddock	4770
Blinebry	4984
Tubb	5113
Drinkard	5770
Abo	5989
Devonian	6219
Fusselman	7080
Montoya	7628
Simpson	8226
Mckee	8434
Waddell	8766
Connell 1	9040
Joins 1	9247
Connell 2	9260
Joins 2	9334
Ellenburger	9346

Inter. Csg: 8 5/8" 32# WC-50 LTC Set: @ 4560 w/1100 sx cmt Hole Size: 11" to 4560 Circ: No TOC: 70' TOC By: Temperature Survey

TUBING DETAIL - 5/8/08

RKB correction 14'

297 jts - 2 7/8" 8rd EUE tbg 9338 49'

1 2 7/8" 8rd EUE cup type SN 1 10'

1 2 7/8" x 5 1/2" retreving tool 2 35'

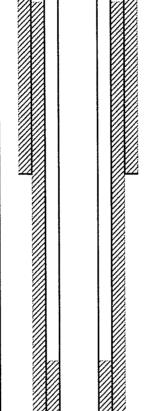
1 5 1/2" TS RBP 7 20'

EOT @ 9363 14

Prod. Csg: 5 1/2" 20# L-80, 17# WC-70 & 17# WC-50 Set. @ 9900 w/1175 sx cmt , DV tool @ 1199 , failed Hole Size 7 7/8" to 9900

Circ: No TOC: 3800, after squeeze TOC By: Bond Log 10/15/96

<u>Current</u> Wellbore Diagram



Well ID Info:

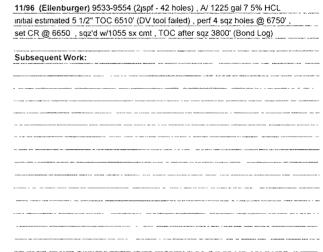
Chevno BL8628 API No 30-025-33543

Spud Date. 8/12/96 TD Reached. 9/29/96 Compl Date. 11/11/96

Surface Csg: 11 3/4" 42# WC-40 STC

Set: @ 1000 w/ 600 sx cmt Hole Size: 14 3/4" TO 1000 Circ: Yes TOC: Surface TOC By: Circulation

Initial Completion:



Proposed Ellenburger Perfs

- 1- 9426-9440'
- 2- 9500-9524
- 3- 9556-9572
- 4- 9578-9594
- 5- 9614-9630'
- 6- 9664-9682

RBP @9356'

Ellenburger 9533'-9554'

9900