Form 3160-5
(August 2007)

UNITED STATES OCD-HOBBS HOBBS OCD
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
MAR 14 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.

5 Lease Serial No
NM-10934

6 If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE – *Other instructions on page 2*

7 If Unit of CA/Agreement, Name and/or No

1 Type of Well
☑ Oil Well ☐ Gas Well ☐ Other

8 Well Name and No
C.C FRISTOE "A" FEDERAL NCT-1 #12

2 Name of Operator
CHEVRON U.S.A. INC.

9 API Well No
30-025-33382

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 BLINEBRY DRINKARD 96945 Tubb

4 Location of Well *(Footage, Sec , T ,R ,M or Survey Description)*
990' FNL, & 990' FWL, SECTION 35, UL D, 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
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☑ Other CLEAN OUT & ACIDIZE
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ 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 INFO FOR NMOCD.

Approval Subject to General Requirements & Special Stipulations Attached

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

Signature Denise Pinkerton

Date 02/16/2012

APPROVED
MAR 13 2012
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

PETROLEUM ENGINEER

Title

Date 03-15-2012

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

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 15 2012

Workover Procedure
Dollarhide Clearfork "AB" Unit
Dollarhide Field

WBS #
FRISTOE A NCT-1 #12

API No: 30-025-33382 **02/01/2012**
CHEVNO: IW8255

Description of Work: Cleanout & Acidize

Current Hole Condition:

Total Depth: 6500' PBTD: 6328' GL: 3186' KB: +20'

Casing Record: 8-5/8" 24# WC-50 STC csg, set @ 1002' w/ 525sx, circ 75 sx
5-1/2" 15.5# & 17# WC-70 & WC-50 LTC csg, set @ 6500' w/ 635sx, circ. 75 sx.

Existing Perfs: Upper Blinebry: 5168-5302'
Lower Blinebry: 5378-5952'
Drinkard: 6020-6282'

REGULATORY REQUIREMENTS:

Prepared by: Jamie Castagno (02/01/2012) Reviewed by: Hector Cantu (2/14/2012)

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.

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. Bleed well down or kill as necessary. Record SICP and SITP. Unseat pump. TOOH w/ rods & pump. Inspect rods while POOH. 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 i.e. (kill well with specific fluid, monitor well, etc).

3. According to well records: TAC @ 5987', EOT @ 6306', BOTTOM PERFS @ 6282', PBTD @ 6326'. PU additional tubing to tag fill. If fill is tagged higher than PBTD continue as indicated; otherwise, skip step 5.

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

   Note: Strap pipe out of the hole to verify depths and note them on wellview report. Send scan log report to hccf@chevron.com.

5. PU and TIH with 4-3/4" MT bit, 3-1/2" DC's on 2-7/8" workstring (or good production tubing). Clean out any scale/fill to 6328' (PBTD). Circulate well clean. TOH w/ tubing & LD bit.

➢ **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.**

Note: If step 5 was skipped, it is assumed that TAC (OD = 4.5") was pulled out of the hole freely from 5987' to surface, treating packer (OD = 4.625") can be ran to 5140' freely. Consider 4-3/4" bit run if necessary.

6. PU 5-1/2" treating packer on 2-7/8" tubing testing to 5000 psi. Set packer @ ~ 5140'. Load backside and pressure test to 300 psi. Spot scale converter across perfs per Chemical Rep/ALCR recommendation. Flush with tubing + perf interval volume ~ 56 bbls to squeeze converter into formation. SI well to soak overnight.

7. Swab back to clean out converter. MIRU acid contractor. RU choke. Test lines and equipment to 5000 psi. Acidize perforations from 5168'-6282' with 10,000 gal 15% NEFe HCl in 4 stages dropping GRS between stages to divert at 1-2 PPG. Flush w/ ~ 60 bbls FW. Achieve optimum flowrate with maximum pump pressure of 3000 psi. Monitor and maintain 300 psi casing pressure throughout acid job. Bleed off if pressure exceeds 300 psi. **Set pop-off to less than 5000 psi.**

8. Report acid volumes and pressures throughout every stage. SI well for 2 hours allowing acid to spend. Record ISIP, 5, 10, & 15 minute SIP's.

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

10. Kill well if necessary. Spot scale inhibitor across perfs per Chemical Rep/ALCR recommendation. Squeeze scale inhibitor into formation flushing with ~ 100 bbls of FW. SI to soak overnight.

11. Release PKR. POOH & LD PKR. PU and RIH with 4-3/4" bit and flush out remains of rock salt with fresh water to dissolve rock salt. Circulate well clean.

12. POOH and LD bit.

13. PU & RIH w/ 2-7/8" J-55 production tbg w/ appropriate BHA as prescribed by ALCR.

Note: If production tubing was tested previously. Drop a standing valve and test tubing to 1000 psi for 5 minutes. Retrieve standing valve. Otherwise, RIH with good production tubing hydrotesting to 5000 psi.

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

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 specific fluid, monitor well, etc).

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

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

CONTACT INFORMATION:

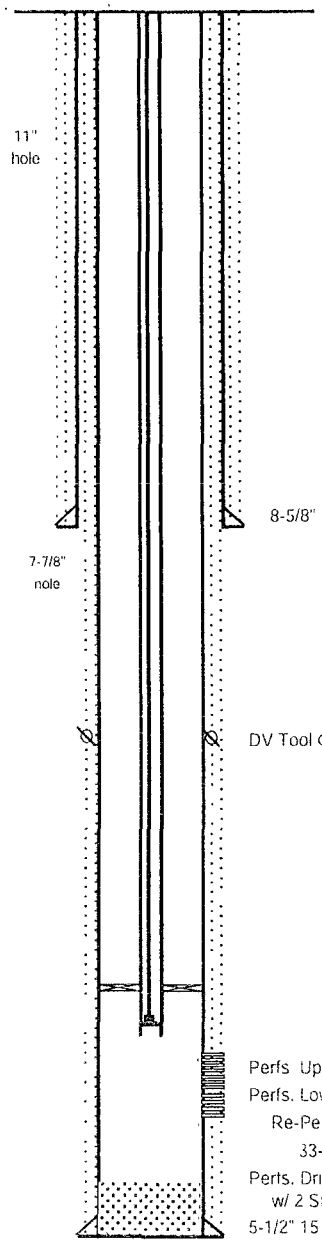
Jamie Castagno	Production Engineer	Cell: 432-530-5194
Femi Esan	Geologist	Ph: 432-687-7731
Hector Cantu	D&C Engineer	Cell: 432-557-1464
Phillip Minchew	ALCR	Cell: 432-208-3677
Aaron Dobbs	AL/WSM	Cell: 505-631-9071

Fristoe A NCT-1 #12

Location: 990' FNL & 990' FWL, Sec 35, Township 24S, Range 37E, Lea Co , NM

TEAM:		DATE CHKD:	Feb. 01, 2012
FIELD. Justis		BY:	J. Castagno
LEASE/UNIT: Dollarhide		WELL:	Fristoe A 1 #12
COUNTY: Lea		STATE:	New Mexico

SPUD DATE	12/27/1996	KB =	+20'
COMP DATE		Elevation =	3186' (GL)
DEEPENED:		TD =	6500'
CURRENT STATUS	Producing Well (Rod Pump)	ETD =	6328'
		API =	30-025-33382



8-5/8" 24# WC-50 STC csg, set @ 1002' w/ 525 sx cmt., Circ. 75 sx.

Tubing in Hole 5/21/2007 (from LOWIS)

Footage	Joints	Type
5964 04	190	2-7/8" 6 5# I&C EUE Tbg
2.78	1	2-7/8" TAC
252 30	8	2-7/8" 6.5# T&C EUE Tbg
33 88	1	2-7/8" 6 5# T&C EUE IPC JT
1	1	2-7/8" SN
31.50	1	2-7/8" 6.5# T&C EUE Tbg
6285 50		Total Tubing String
20 00		BKDB
6305 50		Final HD

Rod Detail 5/21/2007

Pump	25-125-RHBM-22	
Rods	68	1" Rods
	96	3/4" Rods
	71	7/8'
	10	1-3/4" Sinker Bars

Perfs Upper Blinebry 5168-72', 81 , 86-92', 97-5203', 13-15', 20-23', 28', 44-48', 5300-02' w/ 2 SPF (50 holes)

Perfs. Lower Blinebry 5378-94', 5402-04', 17-19', 59-70', 5516-18' w/ 2 SPF (66 holes)

Re-Perf'd (06/09/2001) 5655-58', 75', 81-83', 92', 5717', 29', 34', 60-64', 70', 73-75', 78-80', 86', 5813-16', 29', 33-35', 44-48', 54-58', 72', 76-78', 88', 95', 5906-10', 22', 41-43', 50-52' w/ 2 SPF (96 holes)

Perfs. Drinkard 6020-22', 62-64', 90-94', 6102-22', 86-96', 6205-11', 15-17', 36-46' 50-53' 56-58', 65-67', 78-82' w/ 2 SPF (138 holes)

5-1/2" 15 5# & 17# WC-70 & WC-50 LTC csg, set @ 6500' w/ 635 sx., Circ. 75 sx.

Feb 14, 2012