Form 3160-5
(August 2007)

OCD-ARTESIA

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
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 reverse side.

5. Lease Serial No.
NMNM0415688A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
8910124050 NM71004J

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
OLD INDIAN DRAW 13

2. Name of Operator
CHEVRON USA INCORPORATED
Contact: CINDY H MURILLO
E-Mail: CHERRERAMURILLO@CHEVRON.COM

9. API Well No.
30-015-21957-00-S1

3a. Address
15 SMITH ROAD
MIDLAND, TX 79705

3b. Phone No. (include area code)
Ph: 575-263-0431
Fx: 575-263-0445

10. Field and Pool, or Exploratory
INDIAN DRAW

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 18 T22S R28E NWNW

11. County or Parish, and State
EDDY COUNTY, NM

12. CHECK 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
	☐ 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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall 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 USA INC INTENDS TO REPAIR CASING ON THE ABOVE WELL AS FOLLOWS:
PRODUCTION EQUIPMENT AND PRESSURE TESTING THE WELL PRIOR TO ACIDING PROCEDURE. THERE IS A PRODUCTION CASING LEAK AROUND 5' FROM SURFACE. CHEVRON WOULD LIKE TO START THE OPERATION OF THE REPAIR CASING PREFERABLY THE WEEK OF 05/16/ 05/20. THE WORK SHOULD NOT TAKE LONGER THAN A FEW DAYS.
PLEASE SEE ATTACHED PROCEDURE AND WELLBORE.

WITNESS

Accepted for record
NMOCD
8-28-14

NM OIL CONSERVATION
ARTESIA DISTRICT
AUG 28 2014

SEE ATTACHED FOR CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #249904 verified by the BLM Well Information System
For CHEVRON USA INCORPORATED, sent to the Carlsbad
Committed to AFMSS for processing by CATHY QUEEN on 06/19/2014 (14CQ0495SE)

Name *(Printed/Typed)* CINDY H MURILLO — Title PERMITTING SPECIALIST

Signature (Electronic Submission) — Date 06/17/2014

RECEIVED

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

ACCEPTED FOR RECORD
AUG 27 2014
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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. — 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.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

SUBJECT TO LIKE APPROVAL BY STATE

WELL NAME: Old Indian Draw UT 13

API #: 30-015-21957 CHEVNO: EP2524

OPERATOR: Chevron Midcontinent, L.P.

LOCATION: N 32° 23' 53.916" W -104° 7' 53.076" Sec 18 TwnShp: 22S Range: 28E

COMPLETION: 12/28/1976

SUPPLEMENTAL WH & CASING REPAIR

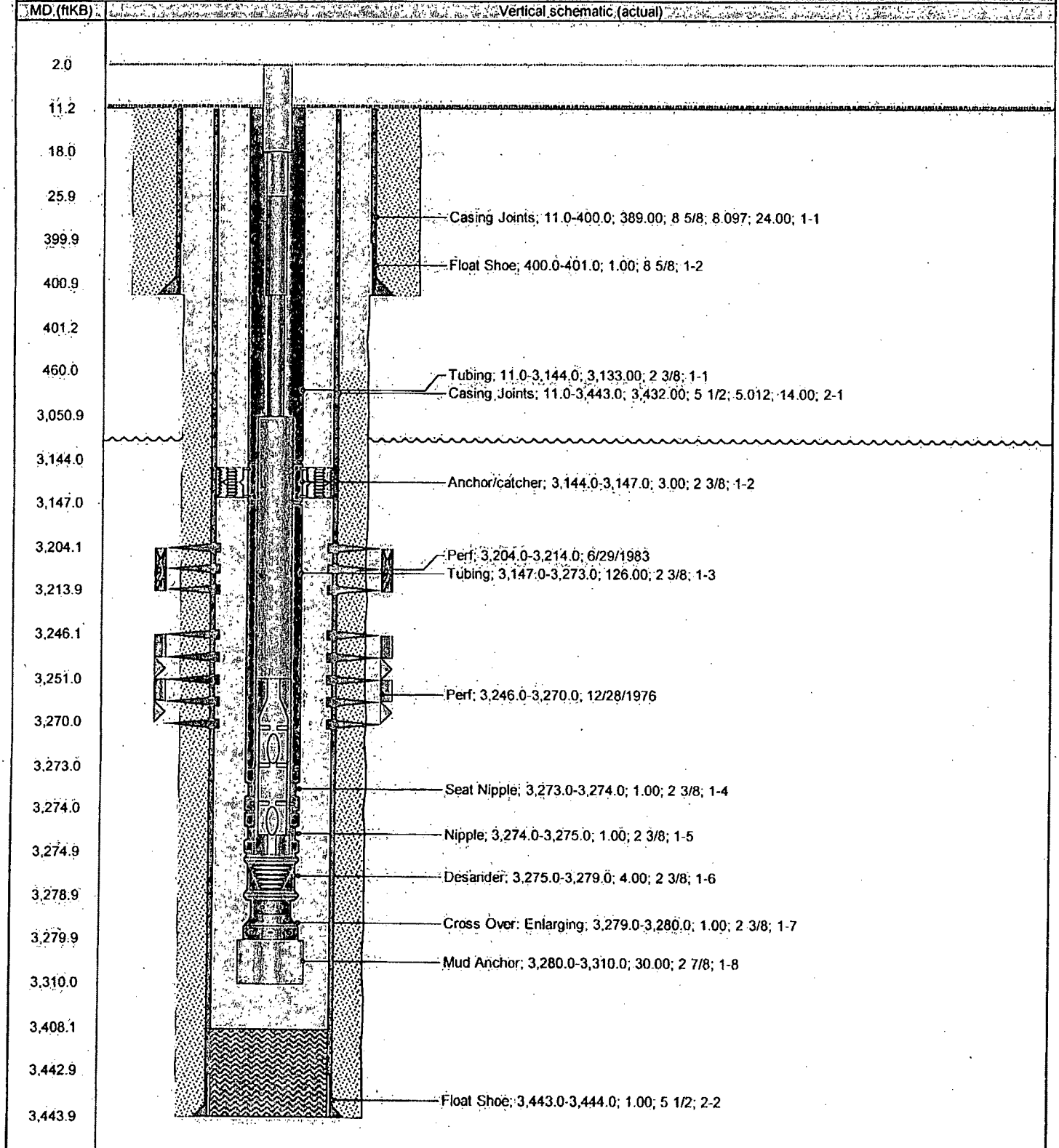
1. Have FE group dig out to witness leaking issue. ***Send Photo to WOE.***
2. Have all prep work done for WH Changeout
3. Verify no LEL or H2S present. Cut windows in 8 5/8" surface casing to expose 5 ½" production casing.
4. Rough cut 5 ½" production casing.
5. Final cut 8 5/8" surface casing and remove old WH.
6. Inspect 5 ½" for good pipe to weld to, and have welder make final cut to 5 ½" production casing.
7. Weld on 5 ½" Slip X Slip collar to casing. Stub up new 5 ½" at least 4' above ground level.
8. Have Welder prep new 8 5/8" casing to new 11" 3M WH.
9. Weld 8 5/8" Slip X Slip collar to original casing stub.
10. Strip over prepared new 8 5/8" casing and 11" 3M WH
11. Pull 15K over production casing and set slips in surface WH.
12. Install secondary packoff and test to 3000# with hydraulic hand pump.
13. Cut 5 ½" stub to proper fit 11" 3M X 7 1/16" 5M tubing head.
14. Install tubing head with RX-53 ring gasket.
15. Pressure test void in tubing head to 3000# using hydraulic hand pump. ***Note in Wellview.***
16. Install 7 1/16" B-1 adapter w/ 2" 3000# ball valve.
17. MIRU Pump truck, pressure test production casing to 500# thru B-1 adapter, Ensure surface casing valves have pressure gauge installed and no pressure is leaking to surface annulus. If tests good proceed to step 30, if not, contact WOE.
18. Have FE Group backfill and pack around well head.
19. NU **Chevron Class II-A configured 7-1/16" 5M** remotely-operated hydraulically-controlled BOP, **2-3/8"** pipe rams over blind rams. NU EPA pan.
    - Keep the charted test of the BOP supplied by the vendor for the entire job.
20. RU Floor and POOH w/1 Jnt. 2 3/8" tubing, PU 5 ½" PKR rated for 14# casing, RIH w/ PKR +/- 25' and test BOPE to 250/500 psi. Note testing pressures in Wellview. Release and LD packer.

Current Wellbore Schematic

WELL (PN): OLD INDIAN DRAW UT 13(CVX) (890493)
FIELD OFFICE: HOBBS
FIELD: INDIAN DRAW UNDESIGNATED (DELAWARE)
STATE / COUNTY: NEW MEXICO / EDDY
LOCATION: SEC 18-22S-28E, 660 FNL & 794 FWL
ROUTE: HOB-NM-ROUTE 18-FERLIN/DAVID
ELEVATION: GL: 3,092.0 KB: 3,103.0 KB Height: 11.0
DEPTHS: TD: 3,444.0

API #: 3001521957
Serial #:
SPUD DATE: 12/7/1976
RIG RELEASE: 12/7/1976
1ST SALES GAS:
1ST SALES OIL: 1/1/1977
Current Status: PRODUCING

Original Hole, 5/20/2013 11:56:57 AM



Report Printed: 5/20/2013

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Wellbore Sections

Section Des	Size (in)	Act Top (ftKB)	Act Btm (ftKB)
Surface	12 1/4	11.0	401.0
Production	7 7/8	401.0	3,444.0

Casing String: Surface Run Date: 12/7/1976

Set Depth (ftKB): 401.0 | Wellbore: Original Hole

Item Des	OD (in)	ID (in)	Drift (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)
Casing Joints	8 5/8	8.097	7.972	24.00	K-55	11.0	400.0
Float Shoe	8 5/8					400.0	401.0

Casing String: Production Run Date: 12/15/1976

Set Depth (ftKB): 3,444.0 | Wellbore: Original Hole

Item Des	OD (in)	ID (in)	Drift (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)
Casing Joints	5 1/2	5.012	4.887	14.00	J-55	11.0	3,443.0
Float Shoe	5 1/2					3,443.0	3,444.0

Cement Tops

Des	TOC (ftKB)
Surface Casing Cement	11.0
Production Casing Cement	460.0

Tubing - Production Run Date: 3/12/2005

Set Depth (ftKB): 3,310.0 | Wellbore: Original Hole

Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Top (ftKB)	Btm (ftKB)
Tubing	2 3/8					11.0	3,144.0
Anchor/catcher	2 3/8					3,144.0	3,147.0
Tubing	2 3/8					3,147.0	3,273.0
Seat Nipple	2 3/8					3,273.0	3,274.0
Nipple	2 3/8					3,274.0	3,275.0
Desander	2 3/8					3,275.0	3,279.0
Cross Over: Enlarging	2 3/8					3,279.0	3,280.0
Mud Anchor	2 7/8					3,280.0	3,310.0

Rod - Conventional Run Date: 3/12/2005

Set Depth (ftKB): 3,275.0 | In Tubing String: Tubing - Production set at 3,310.0ftKB on 3/12/2005 12:00 AM | Wellbore: Original Hole

Item Des	OD (in)	Grade	Len (ft)	Jts	Top (ftKB)	Btm (ftKB)
Polished Rod	1 1/4		16.00		2.0	18.0
Rod Sub	7/8		8.00		18.0	26.0
Sucker Rod	7/8		375.00	15	26.0	401.0
Sucker Rod	3/4		2,650.00	106	401.0	3,051.0
Sinker Bar	1 1/2		200.00	8	3,051.0	3,251.0
Rod Pump	1 1/2		24.00		3,251.0	3,275.0

Stimulations & Treatments

<Stage Number?> Acidizing

Date	Zone/Formation	Wellbore
12/28/1976		Original Hole

Stage Type	Top Depth (ftKB)	Bottom Depth (ftKB)	Vol Pumped (bbl)	Q Treat Avg (bbl/min)
Acidization	3,246.0	3,270.0	71.43	

Perforations

Date	Zone/Formation	Top (ftKB)	Btm (ftKB)
6/29/1983		3,204.0	3,214.0
12/28/1976		3,246.0	3,270.0

General Notes

Date	Comment
12/28/1976	Perf Delaware interval 3246-270' w/2 jspf. Acdz w/3000 gal 7-½%. Pmpd 70 BOPD 7 BWPD.
6/29/1983	RBP set @ 3,236'. Perf Delaware @ 3,204-14 w/4 spf. Pkr set A 3,107. Acdz 3,204-14' w/1200 gal 15% HCl Pre-flush, 1800 gal MA + additives. AIR 1.2 BPM, Max press 1440 psi, ISIP 920 psi. Tbg assembly landed @ 3,230'.
9/2/1986	Pull rods, pmp,& tbg. RIH w/ pinpoint pkr & acdz w.800 gal 7.5% HCl in 8 equal stages. Frac dwn tbg w/5500 gal 2% gelled, x-link wtr & 10,000# 12/20 Ottawa sd. Max press 1850#, min press 1200#, AIR 12 BPM, ISIP 580 psi, 15 min SIP 0 psi. RIH w/notched collar, SN, tbg, & land SN @ 3,283'. Swab. Run pmp & rods & RTP.
2/26/2001	Pmp stuck in paraffin after unseating. Hot oil tbg. POH w/rods & pmp. RTP.
3/12/2005	RIH w/106 jts 2-3/8" tbg, found pin hole in top jt & bad SN. RIH w/paraffin knife, CO 1,500'. RIH w/2" x 1-1/2" x 24' HVR pump, 1 1/2" WBS, 106 - 3/4" and 15 - 7/8" rods, check pump action, OK.

Report Printed: 5/20/2013

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1ST SALES GAS:
1ST SALES OIL: 1/1/1977
Current Status: PRODUCING

Stimulations & Treatments

<Stage Number?> Acidizing

Date	Zone/Formation	Wellbore
6/29/1983		Original Hole

Stage Type	Top Depth (ftKB)	Bottom Depth (ftKB)	VolPumped (bbl)	Q Treat Avg (bbl/min)
Acidization	3,204.0	3,214.0	28.57	

<Stage Number?> Sand Frac

Date	Zone/Formation	Wellbore
9/2/1986		Original Hole

Stage Type	Top Depth (ftKB)	Bottom Depth (ftKB)	VolPumped (bbl)	Q Treat Avg (bbl/min)
Acidization	3,204.0	3,214.0	19.05	
Sand	3,204.0	3,214.0	130.95	

Type	Additive	Sand Size	Amount	Units
Proppant - Natural	Brown Sand	12/20	10,000.0	lb

Report Printed: 5/20/2013

Conditions of Approval

Chevron USA Incorporated
Old Indian Draw Unit - 13
API 3001521957, T22S-R28E, Sec 18

August 27, 2014

1. Before casing or a liner is added, replaced, or repaired prior BLM approval of the design is required. Use notice of intent Form 3160-5.
2. Subject to like approval by the New Mexico Oil Conservation Division.
3. Surface disturbance beyond the existing pad shall have prior approval.
4. A closed loop system is required. The operator shall properly dispose of drilling/circulating contents at an authorized disposal site. Tanks are required for all operations, no excavated pits.
5. Functional H_2S monitoring equipment shall be on location.
6. 2000 (2M) Blow Out Prevention Equipment to be used. All BOPE and workover procedures shall establish fail safe well control. Blind ram(s) and pipe ram(s) designed to close on all workstring diameters used is required equipment. A manual BOP closure system (hand wheels) shall be available for use regardless of BOP design. Function test the installed BOPE to 500psig when well conditions allow. Related equipment, (choke manifolds, kill trucks, gas vent or flare lines, etc.) shall be employed when needed for reasonable well control requirements.
7. All waste (i.e. trash, salts, chemicals, sewage, gray water, etc.) created as a result of work over operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area. Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.
8. **Determine that the 5 1/2" casing will hold pressure from 50ft above top perf to surface.**
9. **After all casing leaks have been located, discuss well conditions with the BLM.**
10. **Prior to cutting on the wellhead insure no explosive gas mixture or combustible materials are within 200ft of wellhead and winds are calm.**
11. Perform charted casing integrity test of 500psig. **Call BLM 575-200-7902 or 575-361-2822 and arrange for a BLM witness of that pressure test. Verify all annular casing vents are plumbed to surface and open to the surface during this pressure test.** Pressure leakoff may require correction for approval. Include a copy of the chart in the subsequent sundry for this workover.
12. Document the pressure test on a one hour full rotation calibrated (within 6 months) recorder chart registering within 25 to 85 per cent of its full range. Greater than 10% pressure leakoff will be viewed as a failed MIT. Less than 10% pressure leakoff will be evaluated site specifically and may restrict injection approval.

13. **Provide BLM with an electronic copy (Adobe Acrobat Document) cement bond log record from 3150 or below to top of cement taken with 0psig casing pressure. The CBL may be attached to a pswartz@blm.gov email. The CFO BLM on call engineer may be reached at 575-706-2779.**
14. Workover approval is good for 90 days (completion to be within 90 days of approval). A legitimate request is necessary for extension of that date.
15. File intermediate **subsequent sundry** Form 3160-**5** within 30 days of any interrupted workover procedures and a complete workover subsequent sundry.

prs/prs

Access information for **use of Form 3160-5** "Sundry Notices and Reports on Wells"

NM Fed Regs & Forms - http://www.blm.gov/nm/st/en/prog/energy/oil_and_gas.html

§ 43 CFR 3162.3-2 Subsequent Well Operations.

§ 43 CFR 3160.0-9 (c)(1) Information collection.

§ 3162.4-1 (c) Well records and reports.