



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

JUL 13 9 00 AM '07
OCD-ARTESIA

FORM APPROVED

Budget Bureau No 1004-0135

Expires: March 31, 1993

JUL 30 2007
OCD-ARTESIA

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT --" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well: ☐ OIL WELL ☒ GAS WELL ☐ OTHER

2 Name of Operator
CHEVRON USA INC

3 Address and Telephone No. 15 SMITH RD, MIDLAND, TX 79705 432-687-737

4 Location of Well (Footage, Sec., T., R., M., or Survey Description)
Unit Letter J : 1650' Feet From The SOUTH Line and 1650' Feet From The
EAST Line Section 19 Township 24-S Range 26-E

5. Lease Designation and Serial No.

NMLC 065347

6. If Indian, Alottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and Number

ESTILL FEDERAL AD

1

9. API Well No.

30-015-22118

10. Field and Pool, Exploatory Area
WHITE CITY PENN

11. County or Parish, State

EDDY, NM

12. Check Appropriate Box(s) To Indicate Nature of Notice, Report, or Other Data

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

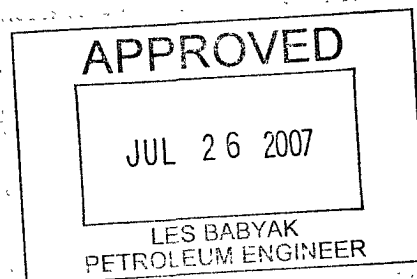
- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ OTHER: COMPLETE IN UPPER PENN
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

CHEVRON U.S.A. INC. INTENDS TO COMPLETE THE SUBJECT WELL BY TESTING THE CISCO/CANYON (UPPER PENN) SECTION, WHICH IS STILL PART OF THE WHITE CITY PENN POOL.

THE INTENDED PROCEDURE AND WELLBORE DIAGRAM IS ATTACHED.



14 I hereby certify that the foregoing is true and correct

SIGNATURE *Denise Pinkerton* TITLE Regulatory Specialist

DATE 7/17/2007

TYPE OR PRINT NAME Denise Pinkerton

(This space for Federal or State office use)

APPROVED

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

Title 18 U.S.C. Section 1001, makes 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.

WORKOVER PROCEDURE

WORKOVER PROCEDURE

I - General Information

Well:	Estill AD Federal #1	Field:	White City (Penn)
API #:	30-015-22118	Location:	1,650' FSL & 1,650' FEL
CHEVNO:	EP5184	Unit Ltr.:	J Section: 19
WBS #:		TSHR/Rng:	S-24 E-26

II - Objective

Recomplete to Cisco/Canyon.

III - Pre-Job Information

- Utilize 4% KCl due to reduce formation damage from water.

IV - Procedure

- 1 MIRU PU, Note SITP & SICP, Bleed Well Down, Kill Well Down Casing using 4% KCl (No Packer in Hole), ND WH, NU BOP. (0.5 day)
- 2 TOH to 10,000' (~26 Jts) Laying Down Tubing, Spot 7.5% Alcoholic Acid from 9,850' to 10,000' (~115 gallons), TOH & LD 2 3/8" L-80 Tubing, MO 2 3/8" L-80 Tubing, MI 8,050' 4 1/2" L-80 Frac Tubing, 2 Joints 3 1/2" L-80 Frac Tubing, 3 Joints 2 7/8" L-80 Frac Tubing, & 9,850' New 2 7/8" L-80 Production Tubing. (1.5 days)
- 3 MIRU WL, RIH w/4.15" Gage Ring to 10,500', ROH; RIH w/5" CIBP to 10,400', Set CIBP @ 10,400', ROH, RIH w/Dump Bailor & 2 Sacks Cement to Top of CIBP, Dump 2 Sacks of Cement on CIBP (TOC ~10,380'), ROH, RIH w/CBL, Log From 10,300' to 8,112' (TOL), Review/Fax/Send Log to Engineers, ROH, RIH w/ 3 3/8" Predator Perf Guns, Tie into Dressor Atlas Compensated Neutron Densilog Dated 6/8/77, Perf 2 spf 9875-9902, 9934-9940, 9958-9964, 9984-9990, Monitor Pressure, ROH. (1 day)
- 4 Kill Well, PU & TIH w/ 5" Treating Packer, 3 Joints 2 7/8" L-80 Frac Tubing, 2 Joints 3 1/2" L-80 Frac Tubing, & 8,050' 4 1/2" L-80 Frac Tubing to ~8,200', Circulate 4% KCl, Set Packer @ ~8,200'. (3 days)
- 5 MIRU Haliburton, Load & Pressure Backside to 1000 psi, Frac as per Haliburton Procedure: 122,000 Total Gallons Slick Water, 54,250 Total lbm 30/50 Ceramic, 75 BPM, 8000 psi MAX, RDMO Haliburton. (1 day)
- 6 Kill Well, Release Packer, TOH & LD All Tubing & Packer, PU & TIH w/WLEG, 1.81" R Profile Nipple, 8' 2 3/8" L-80 Tubing Sub, 5" Production Packer w/1.87" Profile Nipple, On/Off Tool, & 2 7/8" L-80 Tubing to 9,825', Circulate 4% KCl, Set Packer @ 9,825'. (5 days)
- 7 ND BOP, NU WH, RDMO PU, Clean Location, Turn Over to Production. (0.5 day)
- 8 MIRU Swab Unit, Swab Well as per Engineer. (2 days)

Estill AD Fed #1 Wellbore Diagram

Created: 07/19/06 By: C. A. Irle
 Updated: 02/01/07 By: _____
 Lease: Estill AD Federal
 Field: White City (Penn)
 Surf. Loc.: 1,650' FSL & 1,650' FEL
 Bot. Loc.: _____
 County: Eddy St.: NM
 Status: Active Gas Well

Well #: 1 Fd./St. #: LC-065347
 API: 30-015-22118
 Unit Ltr.: J Section: 19
 TSHP/Rng: S-24 E-26
 Unit Ltr.: _____ Section: _____
 TSHP/Rng: _____
 Directions: Carlsbad, NM
 Chevno: EP5184

Surface Casing

Size: 10 3/4
 Wt., Grd.: 40.5# K-55
 Depth: 1,900
 Sxs Cmt: 1,500
 Circulate: Yes
 TOC: Surface
 Hole Size: 14 3/4

Intermediate Casing

Size: 7 5/8
 Wt., Grd.: See below*
 Depth: 8,421
 Sxs Cmt: 700
 Circulate: No
 TOC: 4,100 TS
 Hole Size: 9 1/2
 *S-95 & N-80, 26.4# & 29.7#

Production Liner

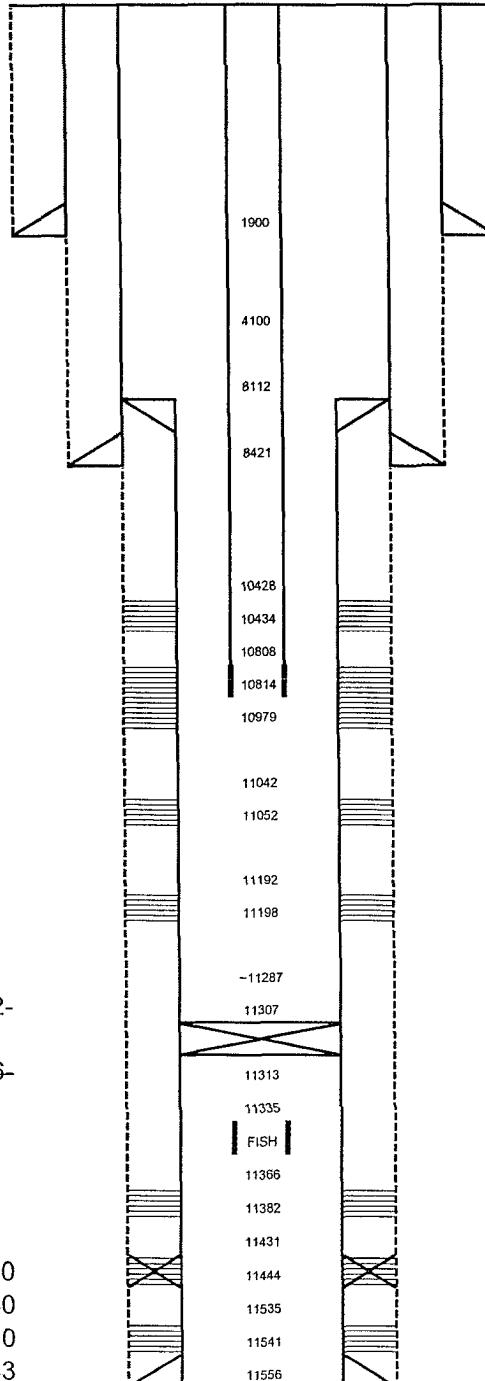
Size: 5"
 Wt., Grd.: 18# N-80
 Top: 8,112
 Depth: 11,600
 Sxs Cmt: 400
 Circulate: Yes, TOL
 TOC: 8,112
 Hole Size: 6 1/2

Perforations - 4 SPF .32

10428-434, 808-812, 833-837, 842-846, 866-882, 900-910, 934-945, 973-979, 11042-052, 192-198, 366-371, 375-382, 431-444, 533-543

Geology - Tops From Drilling

Delaware 1,900
 Bone Springs 5,160
 Wolfcamp 8,310
 Strawn 10,233
 Atoka 10,429
 Morrow 10,830
 Barnett 11,540



KB: 3,451
 DF: 3,450
 GL: 3,436
 Ini. Spud: 04/13/77
 Ini. Comp.: _____

History

4/13/77 Drill PBTD 11,556'.
 6/28/77 Ini Comp. Perf Morrow 4 spf 32 11431-11444.
 9/11/84 Tubing Failure Tbg 4012, excess cor jts 135 & 136, redress o/o, repl tbg, circ, swab, flow.
 11/88 Compression: Details unknown, removal date unknown.
 2/14/94 Well Purging Request
 11/14/05 Add Pay & Frac Tbg int pit, twist joint 250, broke con, some soot on outside, CO, tag @ 252 jts 9' out, work 2', tag 11533, CO 11555, circ, iron sulfide & rubber, pkr 11343, 2500# & 2800#, not pump, 3400#, broke back, 2 1/4 bpm @ 2650#, CCCR 11340, sqz 62.5 sx, DOC, prep & test csg & lnr for frac csg, run 5 1/2" 15.5# csg, perf 4 spf 11535-41, no pres loss, pump 1/2 bbl acid, 5000#, no chg, bld, 5500#, no chg, bld, set over night, 3300# no chg, circ, 5200# broke, .67 bpm @ 4150#, 1.13 @ 4400#, bld to 3250# 10 min, reper 4 spf 11533-43, pkr 11497, acid 24 bbl 20% NEFE, ann comm, more pkr wt, same comm, 11431-44 perfs leak, cmt ret 11410, pump 50 sx into form, perf 4 spf 11366-71, 11375-82, frac 256 bbl CO2, acid 500 gls 15%, perf 4 spf 11192-98, frac 381 bw 661 bbl CO2 18163# 20/40, CBP 11150, perf 4 spf 11042-52, frac 15000 ClearFrac 70 Qual CO2 27000# 20/40, CBP 11005, perf 4 spf 90 deg 10973-79, 120 deg 10900-10, 90 deg 10934-45, 120 deg 10866-82, 42-46, 33-37, 08-12, 10428-34, pkr 10300, acid 4550 gls 6.5% alc 275 BS, unload, tag 10992, CO, tag CBP 11012, dri 11014 comm w/perfs, chase 11058, tag plug 11139, dri, tag PBTD 11363, circ, unload, no luck, shut in 14 days.
 1/30/06 Cont Tag 11262, pkr 10330, swab & bail, tag 10337, rec rust, tag 10357, rec rust & rub, jet cut 5' under pkr (Fish 5' of 10' 2 3/8 Pup Jt, Profile Nipple, 1.81 R Blanking Plug), unload, swab, RD 24 days, TA
 3/16/06 Cont Rel pkr, tag 11335, apparently pushed fish down, work, no luck, tbg 10358 w/1 81 F PN, swab 9 days, rec 507 BLW.
 3/5/07 Reduce Wtr: CO 11335, tag 11313, CIBP 11307, cmt 2 sx, PN 10814, swab, 250# TP ON, slight blows.

PBTD: 11,262
 TD: 11,600