

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCG-HOBBS

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

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 F : 2310' Feet From The NORTH Line and 2310' Feet From The  
WEST Line Section 28 Township 24-S Range 26-E

5. Lease Designation and Serial No.

LC 065347

6. If Indian, Alottee or Tribe Name

7. If Unit or CA, Agreement Designation

nm 71967

8. Well Name and Number

WHITE CITY PENN GAS COM UNIT 3

1

9. API Well No.

30-015-21937

10. Field and Pool, Exploaratory 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: PERF & STIMULATE  
☐ 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 PERFORATE THE ATOKA & STRAWN FORMATIONS IN THE SUBJECT WELL.

THE INTENDED PROCEDURE & CURRENT & PROPOSED WELLBORE DIAGRAMS ARE ATTACHED FOR YOUR APPROVAL.

Accepted for record - NMOCD

8/18/06

14. I hereby certify that the foregoing is true and correct

SIGNATURE *Denise Pinkerton* TITLE Regulatory Specialist

DATE 8/18/2006

TYPE OR PRINT NAME Denise Pinkerton

(This space for Federal or State office use)

APPROVED BY *DAVID E. GLASS*

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

AUG 24 2006

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

### I - General Information

Well:	White City Penn Gas Com Unit 3 #1	Field:	White City Penn
API #:	30-015-21937	Location:	2,310' FNL & 2,310' FWL
CHEVNO:	EP2240	Unit Ltr.:	F Section: 28
WBS #:		TSHR/Rng:	S-24 E-26

### II - Objective

Perforate and Stimulate the Atoka & Strawn

### III - Pre-Job Information

- Utilize 4% KCL water containing 1 gal per 1000 gals (1 gal per 24 bbl) of F103 or comparable surfactant.
- Verfiy NMOCD/BLM Approval and notify 24 hours prior to working.
- Include a Ball Catcher on Choke Manifold due to CO2 used in stimulation.
- Have a Calloway Fire Truck on Location during stimulation with high concentration methanol.
- Chevron to supply 60 tons of CO2 on first stimulation and 55 tons on second.

### IV - Procedure

- 1 MIRU PU, ND Wellhead, NU BOP. Test casing to 500 psi. (1 day)
- 2 PU 4 1/4" Bit & 2 3/8" Yellow Band N-80 Production Tubing, Tag TOC @ ~10,800' (CIBP @ ~10,820'), Pickle Tubing, Circulate 4% KCl Water, Spot 250 gallons 7.5% on Bottom, TOH w/Bit and Production Tubing. (3 days)
- 3 RU Baker Atlas Wireline Equipment, Tie into Schlumberger Perforating Depth Control Log ran 7/23/79, Perforate using 3 3/8" Predator Gun (3322 Charge, 0.47") at 2 SPF and 120° Phasing: Lower Atoka @ 10,602-604 (6 holes), 610-626 (34 holes), & 654-658 (10 holes); Middle Atoka @ 10,394-402 (18 holes), 413-423 (22 holes), & 436-443 (16 holes). (1 day)
- 4 PU & TIH with 5" Treating Packer w/On-Off Tool & 1.78" F Profile Nipple on 2 3/8" Production Tubing, Test to 8000 psi, Set Packer @ ~10,250', ND BOP, NU Tree, Install Tree Saver, Load & Test Tubing-Casing Annulus to 500 psi, Swab Tubing Fluid Level to ~8,000' if able. (1 day)
- 5 MIRU SLB, Stimulate as per SLB Procedure: Pump 3-5 BPM @ Max Pressure of 7500 psi: 4,500 gallons of 15% Alcoholic Gas Well Acid with 50 Quality CO2 and 90 Regular Ball Sealers (60 Tons of CO2 and 4000 gallons 4% KCl supplied by Chevron), RDMO SLB. (1 day)
- 6 Swab/Flow back Load. (2 days)

- 7A If Well Dies, Release Packer and TOH, LD Packer, MIRU WL, Set 5" Composite Bridge Plug @ 10,250', Test to 500 psi, Go to Step 8. (3 days)
- 7B If Well Continues to Flow, RU Wireline Truck, set a 1.78" Blanking Plug in the Profile Nipple, RD Wireline Truck, Release On-Off Tool, TOH, Go to Step 8. (1.5 days)
- 7C If Well is Flowing Strongly, Flow Back and Test Well, Contact Engineers, Notify Operations, Put on Production, RDMO PU, Clean Location, and Perform a 4-Point Test. (3 days)
- 8 RU Baker Atlas Wireline Equipment, Tie into Schlumberger Perforating Depth Control Log ran 7/23/79, Dump bail 15% HCl right above Bottom Perf Depth, Perforate using 3 3/8" Predator Gun (3322 Charge, 0.47") at 2 SPF and 120° Phasing: Upper Atoka @ 10,091-097 (14 holes) & 10,108-111 (8 holes); Strawn @ 9,935-939 (10 holes) & 9,948-964 (34 holes). (1 day)
- 9 PU & TIH with 5" Treating Packer w/1.81" F Profile Nipple on 2 3/8" Production Tubing, Test to 8000 psi, Set Packer @ ~9,870', ND BOP, NU Tree, Install Tree Saver, Load & Test Tubing-Casing Annulus to 500 psi, Swab Tubing Fluid Level to ~8,000' if able. (1 day)
- 10 MIRU SLB, Stimulate as per SLB Procedure: Pump 3-5 BPM @ Max Pressure of 7500 psi: 4,000 gallons of 15% Alcoholic Gas Well Acid with 50 Quality CO2 and 50 Bio Ball Sealers (55 Tons of CO2 and 4000 gallons 4% KCl supplied by Chevron), RDMO SLB. (1 day)
- 11 Swab/Flow back Load. (2 days)
- 12A If Pressure is Comparable to Lower Intervals, Contact Engineers, either RU Wireline and Pull 1.78" Blanking Plug in Packer @ ~10,250', or RU Coil Tubing and drill out CBP @ ~10,250', Notify Operations, Put on Production, RDMO PU, Clean Location, Perform a 4-Point Test. (3 days)
- 12B If Well is Coming In Strong, Flow Back and Test Well, Contact Engineers, ND BOP, NU Wellhead, Notify Operations, Put on Production, RDMO PU, Clean Location, and Perform a 4-Point Test. (3 days)

Prepared by  
Christopher A. Irle

# White City Penn Gas Com Unit 3 #1 Wellbore Diagram - Current

Created: 07/31/06 By: C. A. Irlie  
 Updated: By:  
 Lease: White City Penn Gas Com Unit 3  
 Field: White City (Penn)  
 Surf. Loc.: 2,310' FNL & 2,310' FWL  
 Bot. Loc.:  
 County: Eddy St.: NM  
 Status: Temporarily Abandoned

Well #: 1 Fd./St. #: LC-065347  
 API: 30-015-21937  
 Unit Ltr.: F Section: 28  
 TSHP/Rng: S-24 E-26  
 Unit Ltr.: Section:  
 TSHP/Rng:  
 Directions: Carlsbad, NM  
 Chevno: EP2240

## Surface Casing

Size: 10 3/4  
 Wt., Grd.: 40.5# K-55  
 Depth: 1,900  
 Sxs Cmt: 1,200  
 Circulate: ?  
 TOC: ?  
 Hole Size: 13 3/4

## Intermediate Casing

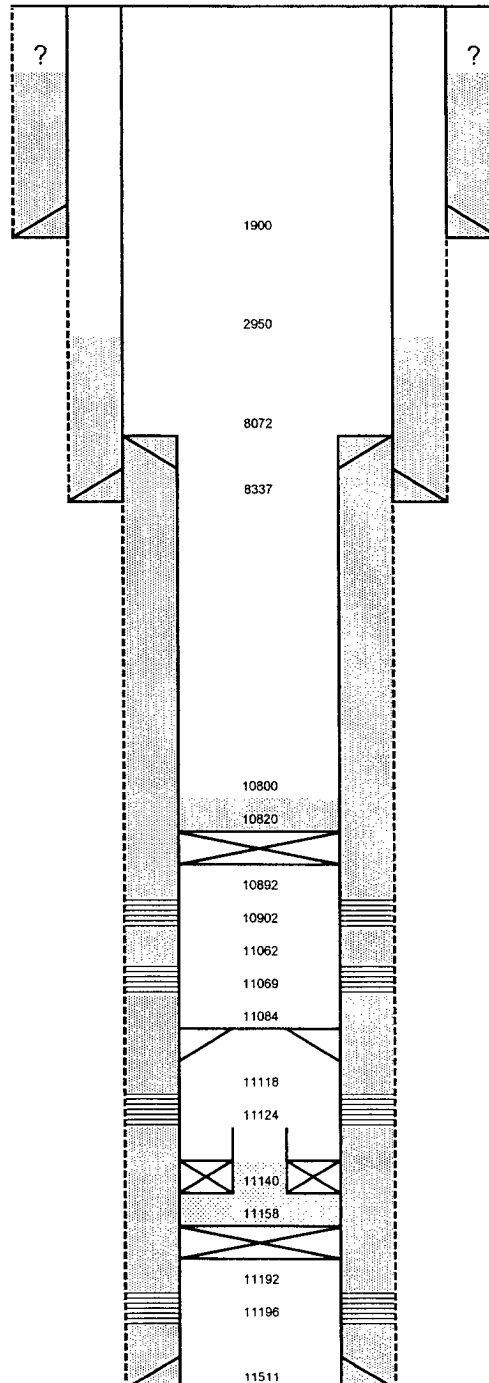
Size: 7 5/8  
 Wt., Grd.: 26.4# S-95  
 Depth: 8,337  
 Sxs Cmt: 900  
 Circulate: No  
 TOC: 2,950 TS  
 Hole Size: 9 1/2

## Production Liner

Size: 5"  
 Wt., Grd.: 17.93# N-80  
 Top: 8,072  
 Depth: 11,511  
 Sxs Cmt: 665  
 Circulate: No  
 TOC: TOL  
 Hole Size: 6 1/2

## Perforations

10,892-902, 11,062-69, 11,118-24,  
 92-96



KB:  
 DF:  
 GL: 3,393  
 Ini. Spud: 11/08/76  
 Ini. Comp.: 01/15/77

## History

12/21/76 Set Liner: Not hold pres, sqz TOL 200 sx.  
 1/15/77 Ini Comp: Perf 4 spf .32" 11118-24, 92-96, tbq 2 3/8 11203 pkr 11063.  
 7/10/78 Test Zones: Rel pkr, pkr 11157, swab, BHP bombs, RBD 11158, pkr 11070, swab, prod upper, prod lower pending eval.  
 12/6/78 Sqz Upper Mor: Rel pkr, pkr 11140, rel pkr, spot 2 sx 20/40 snd, pkr stuck.  
 5/25/79 Cont: CI, inactive pending study, pkr still stuck.  
 7/19/79 Recomp Higher: Ret 11084, perf 2 spf .5" 10892-902, 11062-69, swab, acid 6000 gls 7.5% slick Morrow 30 BS, swab, sell.  
 3/29/06 TA: Rel pkr, CIBP 10820, cmt 20'.

## Geology - Tops From Drilling

Delaware 1,758  
 Bone Springs 5,216  
 Wolfcamp 8,360  
 Strawn 10,078  
 Atoka 10,375  
 Morrow 10,775  
 Barnett 11,493

PBTD: 10,800  
 TD: 11,511

# White City Penn Gas Com Unit 3 #1 Wellbore Diagram - Proposed

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 TOC: ?  
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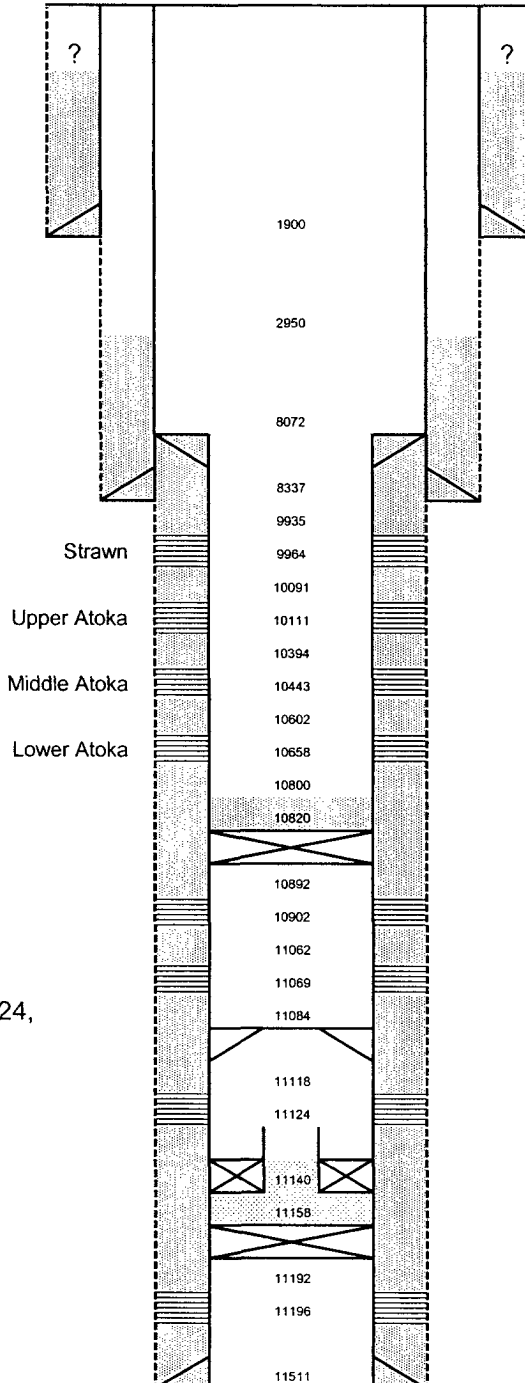
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 Sxs Cmt: 665  
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 TOC: TOL  
 Hole Size: 6 1/2

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