

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Oil Cons.
N.M. DIV-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210

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

SYNDRY 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 ROAD, MIDLAND, TX 79705 915-687-737

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Unit Letter F : 1650' Feet From The NORTH Line and 1650' Feet From The
WEST Line Section 13 Township 25-S Range 26-E

5. Lease Designation and Serial No.

NM 41645

6. If Indian, Alottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and Number
FEDERAL COM 13

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9. API Well No.
30-015-23492

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: ADD PERFS IN ATOKA
☐ 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 REPAIR CSG LEAK, ADD PERFS IN THE ATOKA, ACIDIZE, & RETURN THE SUBJECT WELL TO PRODUCTION IN THE ATOKA & MORROW. THE INTENDED PROCEDURE AND WELL BORE DIAGRAM IS ATTACHED FOR YOUR APPROVAL.

THIS WORK IS NECESSARY TO HOLD THE EXISTING 640 ACRES WHICH WILL EXPIRE ON 4-7-03 DUE TO LOSS OF PRODUCTION. THE WELL WATERED OUT DUE TO A CASING LEAK.

SET CIBP 50' ABOVE TOP OF PERFS.

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

SIGNATURE Denise Leake TITLE Regulatory Specialist DATE 3/24/2003

TYPE OR PRINT NAME Denise Leake

(This space for Federal or State office use)

APPROVED (ORIG. SGD.) ALEXIS C. SWOBODA

CONDITIONS OF APPROVAL, IF ANY: TITLE PETROLEUM ENGINEER DATE MAR 28 2003

WHITE CITY PENN FEDERAL COM 13 #1
30 015 23492

Review:

Drilled in Dec. 1981 well was completed as a Morrow gas producer. The well has cumulative production from the Morrow of 3.55BCF from perforations of 11472 – 11484, & 11554 – 11560. This well has recently stopped producing and uphole potential has been reviewed.

Opportunity:

The Morrow does not have any significant additional pay available. The Morrow open pay has produced 3.55 BCF and the unsuccessful attempt to clean up the well in September 2002 implies that these pays are depleted.

The Atoka has the next best opportunity and being a Penn formation will allow ChevronTexaco to maintain current well spacing. The interval 10861 – 10879 has a cross plot porosity of 5% – 6% and a resistivity profile showing invasion / some permeability. The Sw is in the 50% range and flare gas of 2' – 8' was noted on the trip gas after a questionable DST attempt. The DST recovered water cushion and drilling fluid only after good pressure buildups during the flows [1293# - 1543#] and the shut-ins [up to 4829#].

The new pay would require the isolation of the Morrow perforations with a RBP located about 11,300'. The interval 10861' – 10879' should be perforated and fracture stimulated to further improve the porosity and permeability. It is anticipated that the interval would produce gas at a rate of 100 – 2000 MCFPD [10:90].

GFP
3/5/03

Federal Com 13 #1

WBS NO: UCMRWO2

ChevronTexaco WI = 100%

1650' FNL & 1650' FWL

SEC 13, T-25-S, R-26-E

API # 30-015-23492

CHEV NO -- EQ6809

Eddy County, New Mexico

TD: 11774'

Surface Casing: 10 & 3/4", 40.5#, K-55 at 1788' w/ 1300 sx.

Casing: 7 & 5/8", 2604 & 29.7# S-95 at 9107' w/ 800 sx. TOC @ 5750'.

Liner: 5", 18# N-80 X-line @ 11774' W/ 600 total sx. Top of Liner @ 8783'

PROCEDURE OVERVIEW: Locate & squeeze casing leak. Perf & acidize ATOKA @ 10861-10879' & commingle with existing Morrow zone @ 11472-11484 & 11554-11560

CAUTION: May have water flow due to offset SWD. 10 3/4" x 7 5/8" Annulus squeezed 8-88. Check to make sure SWD well is shut – in per recent field report.

PROCEDURE:

1. MIRU PU. Install & test BOP's.
2. RU Wireline. RIH & set plug in 1.81" profile nipple @ 11415'
3. POH & RD Wireline. Release Baker on/off tool & POH with 2 3/8" tbg.
4. PU & GIH w/ RBP & PKR on 2-7/8" work string.
5. Set RBP @ +/- 6000'. Move Pkr & locate casing leak in 7 5/8" casing. Expect leaks to be from 1500 - 2000' (same area as old leaks from offset SWD well).
6. Establish injection rate into leaks & check 7 5/8" X 10 3/4" annulus for circulation.
7. POH & GIH with cement retainer on @ 2-7/8" tbg above leak.
8. Squeeze leak per Schlumberger cementing recommendations. (Attempt to circulate up the annulus then shut in surface casing and squeeze cement into expected leak in water zone)
9. POH & GIH with bit to drill out cement retainer and cement. Test squeeze to 500#.
10. Resqueeze if necessary.
11. POH & GIH to retrieve RBP.

FEDERAL COM 13-1 Workover Procedure ---Continued

12. POH w/ RBP. GIH with 2 3/8" production tbg & latch Baker on/off tool into packer.
13. RU Wireline and pull plug.
14. Swab existing Morrow perms & attempt to re-establish production.
15. If Morrow Zone flows, kill with minimum 4% KCL.
16. Spot Morrow perf acid per Schlumberger recommendations to cover 10861 – 10879.
17. POH with workstring. RU Wireline & set 5" composite BP with frac plug @ +/- 11,000'. IF Morrow zone does not flow, will set 5" CIBP.
18. POH w/Wireline. GIH & perf 5" with 4" premium charge casing gun & perf ATOKA at 10861-10879' using Schlumberger CNL/FDC (3rd Run) log dated 12-24-81.
19. POH & RD Wireline.
20. GIH with PPI pkr on workstring and acidize ATOKA with acid per Schlumberger recommendations.
21. Swab well and report results.
22. Turn well over to production.

List of Contacts

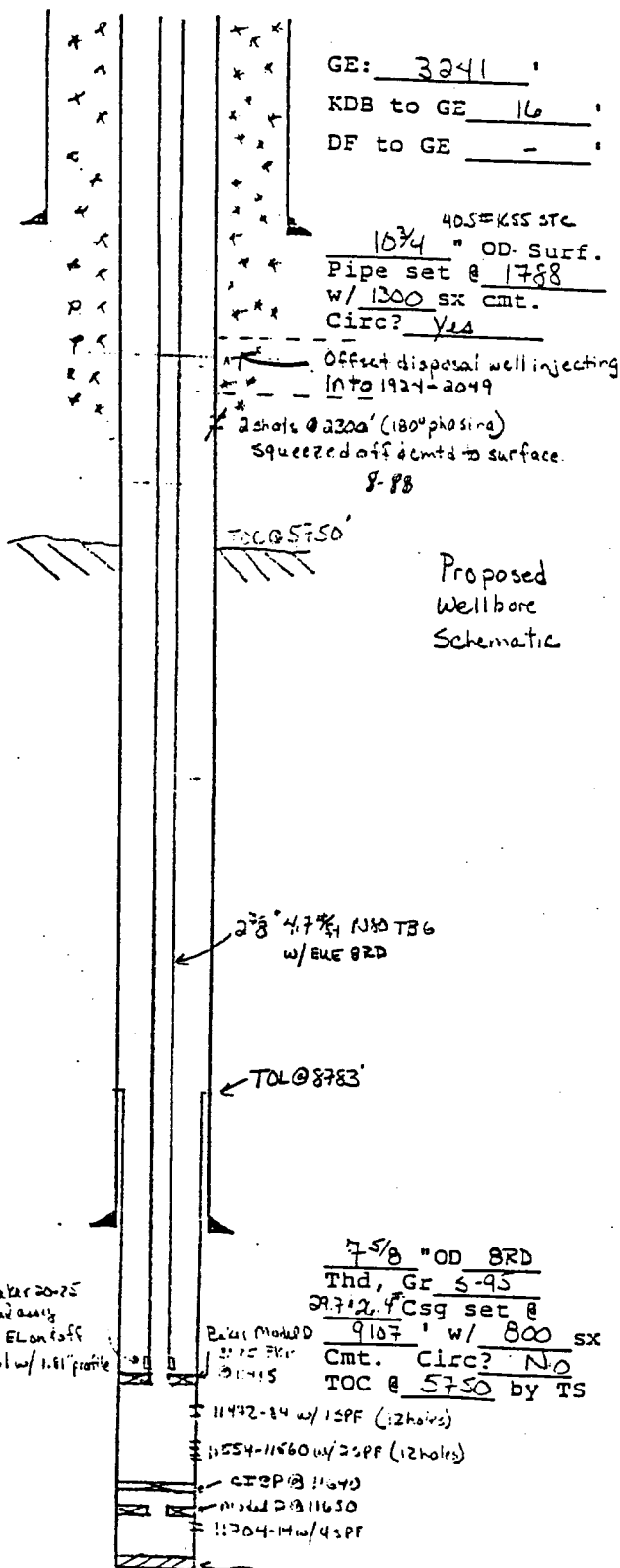
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David Crawford	Engineer	Office	915-687-7331
		Cell	915-413-9688
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Earnest Roberts	Lease Operator	Cell	505-631-9019
Joe Garcia	Lease Operator	Cell	505-631-9016
Danny Lovell	Operation Supr	Office	505-887-5675
Phillip Jaquez	Baker Atlas (Hobbs)	Office	505-392-7593
Tracy Cowan	Schlumberger	Cell	915-553-6030
Artesia Office	Schlumberger	Office	505-748-1392
James Lovell	Workover Supr.	Cell	505-390-0867

JDC 3-19-03



WELL DATA SHEET

LEASE Federal Com. 13 WELL NO. 1 FIELD White City Penn DATE 3/29/88
LOCATION 1650 FEET FROM N LINE AND 1650 FEET FROM W LINE
SECTION 13 BLOCK T 255 SURVEY R 26 E COUNTY Eddy STATE NM



Date Completed Jan 1982
Initial Formation Penn
FROM: 11472 TO 11560 GOR
Initial: Production X 1308 MCFFD bwpd
Or: Injection - bwpd at -
Completion Data:
Perforated 11704-14 w/ 45PF. Acidized w/ 2000 gal 10% Murrells Head
No. 11704-14 w/ 45PF. 11640'
Perforated 11472-11484 w/ 15PF. 11554-60 w/ 25PF. Acidized w/
w/ 4800 gal 10% Murrells Head. IP = 130+ MCFFD
w/ 3500 psi FFP

Subsequent Workover or Reconditioning:

Annular Test 1988: Opened 10 3/4" x 7 3/8" annulus
CISPR = 400 psi. Flowing all w/ir.
would not blow down.
Tied onto 10 3/4" x 7 3/8" annulus
estimated 1 hr water flow @
73 BW/HZ, ISIP = 400 psi.

Present Inj. - bwpd @ - psi
dat -
Present Prod. X 0 bopd 0 bwp
dat 2/24/88
GAS 123 MCFFD

Remarks or Additional Data: