New Mexico Oil Conservation Division, District I
1625 N. French Drive
Hobbs, NM 88240

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

5. Lease Designation and Serial No.: NM-92770
6. If Indian, Alottee or Tribe Name:
7. If Unit or CA, Agreement Designation:

1. Type of Well: ☑ OIL WELL ☐ GAS WELL ☐ OTHER
8. Well Name and Number: SCOTT 'E' FEDERAL COM 1
2. Name of Operator: CHEVRON USA INC
3. Address and Telephone No.: 15 SMITH RD, MIDLAND, TX 79705 432-687-737
9. API Well No.: 30-025-27442
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Unit Letter M : 1148' Feet From The SOUTH Line and 775' Feet From The WEST Line Section 28 Township 18-S Range 32-E
10. Field and Pool, Exploaratory Area: QUERECHO PLAINS;UPPER BN SPRNGS
11. County or Parish, State: LEA , NM

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

TYPE OF SUBMISSION	TYPE OF ACTION	
☑ Notice of Intent	☐ Abandonment	☐ Change of Plans
☐ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Atlering Casing	☐ Conversion to Injection
	☐ OTHER: PLUGBACK BN SPRNGS	☐ 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 RECOMPLETE THE SUBJECT WELL FROM THE NORTH LUSK WOLFCAMP TO THE QUERECHO PLAINS; UPPER BONE SPRINGS. THE SUBJECT WELL WAS RECENTLY TESTED IN THE WOLFCAMP FORMATION AND PRODUCTION HAS DROPPED. SHUT IN BHP IS LOW AND NO ADDITIONAL STIMULATION IS RECOMMENDED. THIS RECOMPLETION WILL PREVENT A LOSS OF LEASE DUE TO CESSATION OF PRODUCTION. THE BONE SPRINGS WILL BE COMPLETED IN TWO STAGES IN THE TRADITIONAL DEPTH ORDER OF DEEPEST TO SHALLOWEST. THE INTERVALS ARE 8584-8658 AND 8397-8493.

A PIT WILL NOT BE USED IN THIS RECOMPLETION. A STEEL FRAC TANK WILL BE UTILIZED.
THE CURRENT AND PROPOSED WELLBORE DIAGRAMS ARE ATTACHED FOR YOUR APPROVAL.

THE INTENDED PROCEDURE IS ATTACHED.

RECEIVED
APR 2005
Hobbs OCD

14. I hereby certify that the foregoing is true and correct
SIGNATURE Denise Pinkerton TITLE Regulatory Specialist DATE 3/24/2005
TYPE OR PRINT NAME Denise Pinkerton

(This space for Federal or State office use)
APPROVED (ORIG. SGD.) DAVID R. GLASS TITLE PETROLEUM ENGINEER DATE MAR 31 2005
CONDITIONS OF APPROVAL, IF ANY:

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.

DeSoto/Nichols 12-93 ver 1.0

Scott E Federal Com No. 1
Recompletion Procedure
Lea County, New Mexico

API NO: 30-025-27442

Well:	Scott E Federal Com #1	Chevno EQ6821
WBS Number:	UWPNM- -EXP (Bone Springs)	$
BY:	Denise Wann	Jan 5, 2005

Well Location:

GL 3718', KB 3734', DF 3733'

Section: 28 Township: 18S Range: 32E
Surface Location: 1148' FSL & 775' FWL
Unit M
Lea County, New Mexico

Original hole PA'd 1993
Sidetracked hole 1998
7 7/8" hole with 5 ½" 17# N80-S95 @11,975' (cement top est XX?, incomplete CBL information across entire interval)
KOP @7571'

PROCEDURE

1. **Verify with Denise Beckham that Title Opinion is clear for Querecho Plains - Upper Bone Spring completion.**

2. Verify and if necessary amend surface commingling permit to add the Bone Springs zone prior to turning production to CTB.

3. Obtain OCD, BLM, and partner approval.

4. Notify NMOCD/BLM 24 hours prior to RU.

5. RU 6 500 bbl frac tanks.

6. Day 1----MIRU PU. (No reverse unit necessary at this time.) TOH w/rods and pump laying down rods. Look for paraffin, scale, etc. Notify Denise Wann and Bobby Hill. Hot water and chemical treat if necessary. (Move rods out for inspection if necessary but plan to have back in ~7 days)

7. Day 2---ND wellhead. Install 5000# BOP. TOH w/ tbg.

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Recompletion Procedure
Lea County, New Mexico

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8. Day 2/3---TIH with bit and scrapper on **production tubing** to ~10, 500'. Circulate hole w/2% KCL. TOH, laying down the production tbg.

9. Day 3/4----RU Baker Atlas and set CIBP at 10,500' to abandon the Wolfcamp. Top with 35' cement. Chart and test casing to **3500#** for abandonment status of Wolfcamp and for testing casing integity.

10. Run CBL across interval from 9500' – 6000' or TOC', holding 2000# pressure on the casing. (KOP 7571' see wellbore schematic) Tie into Schlumberger Platform Express CN/3DD/GR log dated 7/24/98. (Previous CBL showed some cmt up at 4000' but CBL was not pulled across the zone of interest, Bone Springs)

11. CBL will be reviewed by Denise Wann/Scott Ingram. If CBL shows no cement across the Bone Springs interval, 8300'-8700', Denise Wann will revise procedure to include block squeeze and stimulation work down tbg instead of casing.

12. Day 4/5---- ND BOP. Install full 5 ½" 5000# opening spool, 5 ½" full opening 5000# gate valve, and 5 ½" frac valve.

13. Day 5----If have good CBL, RD PU and move off to another job. Need for PU w/ reverse unit to return in ~5 days. If poor CBL results, move in reverse equipment, and prepare to continue with block squeeze, drill out and frac down tbg.

14. If we have success at the TM 11#1 with the PFS propellant perf treatment, we will consider a change in this procedure to incorporate PFS technique and will also change up the acid treatments.

15. Day 5/6 ---MIRU Baker and perforate the following intervals using Baker's 3-3/8" EHC Predator guns loaded with 2 SPF, using 120° phasing, tie into new Baker Atlas CBL just run.
    - 8624'-8634' (22 shots)
    - 8651'-8658' (16 shots)

16. Day 5/6---Acidize perforations down casing with 1500 gals 15% HCL and ~50 J122 ball sealers as directed by DS. Flush to bottom perf w/WF 110. Surge balls.

17. Day 7----RU DS equipment to frac 8658'-8624' down casing. Utilize Cardinal Survey to tag sand as per attached procedure – **3500 # max pressure.**
    - 26,000 gals YF 135 ST
    - 71,200 # 20/40 Super LC CRCS
    - 8382 gals WF 110 flush (mix in 500+/- gals of acid in first part of flush)

18. RU Baker Atlas with full lubricator. TIH with CIBP on wireline and set 8570'. Load hole and test CIBP and casing to **3500#.**

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Recompletion Procedure
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19. TIH and perforate the following intervals using Baker's 3-3/8" EHC Predator guns loaded with 2 SPF, using 120° phasing, tie into new Baker Atlas CBL just run. TOH.
    - 8397'-8417' (42 shots)
    - 8460'-8470' (22 shots)
    - 8488'-8493' (12 shots)

20. Acidize perforations 8397'-8493' down casing with 1500 gals 15% HCL and ~100 J122 Bio Balls as directed by DS. Flush to bottom perf w/WF 110. Surge balls.

21. RU DS equipment to frac 8397'-8493' down casing. Utilize Cardinal Survey to tag sand as per attached procedure – **3500 # max pressure.**
    - 32,000 gals YF 135 ST
    - 94,000 # 20/40 Super LC CRCS
    - 8200 gals WF 110 flush

22. Day 8/9----MIRU PU w/ reverse unit. TIH with bit, DC's on 2 7/8" tbg **(picking up).** Drill out CIBP at 8570'. **Clean out to a minimum to ~9500'.** (Additional set of Bone Springs perforations will be added (not in this WBS) at a later date from 9385'-9412'. This interval is in a different pool (Querecho Plains-Lower Bone Spring) and will require a DHC permit to produce.) (At a later date, will also be acidizing the Bone Spring interval 8584'-8596'.)

23. Day 10---TOH w/ bit, DC's and 2 7/8" tbg.

24. Day 11-----MIRU and run Baker PRISM after frac log for evaluation.

Note----Based on the results of the Spear Fed #1 frac job which should occur prior to this job, if the frac evaluation shows the frac does not grow upward, this next step, adding of perforations maybe done in original perf job.

25. ***Day 11-----MIRU Baker Atlas. Perforate the following intervals using Baker's 3-3/8" EHC Predator guns loaded with 2 SPF, using 120° phasing, tie into new Baker Atlas CBL just run. TOH.***
    - ***8584'- 8596' (26 holes)***

26. Day 12/13-----TIH w/ production equipment to ~8700' to pump test the Bone Springs perforations 8397'-8658', as designed by Bobby Hill. (Note this is a highly deviated sidetracked well when designing rod string)

Well: Scott E Federal Com #1 | Field: North Lusk | Reservoir: Wolfcamp

Location:
1148' FSL & 775' FWL
Section: 28 (SW/4 SW/4)
Township: 18S
Range: 32E Unit: M
County: Lea State: NM

Elevations:
GL: 3718'
KB: 3734'
DF: 3733'

Log Formation Tops	
Delware	5203'
Bone Spring	7005'
Wolfcamp	10288'
Strawn	11536'
Atoka	11942'
Morrow	12303'
Barnett	12969'

Intermediate Csg: 8 5/8" 28# S-80
Set: @ 4158' w/ 1700 sx cmt
Hole Size: 11"
Circ: Yes **TOC:** Surface
TOC By: Circulation

TUBING DETAIL -

2-7/8 L-80 set @ 10672'
SN @ 10668

Cmt plug 7537'-7751' (50 sx)
5 1/2" csg stub @ 7667'
CIBP @ 8730' (50' cmt on top)

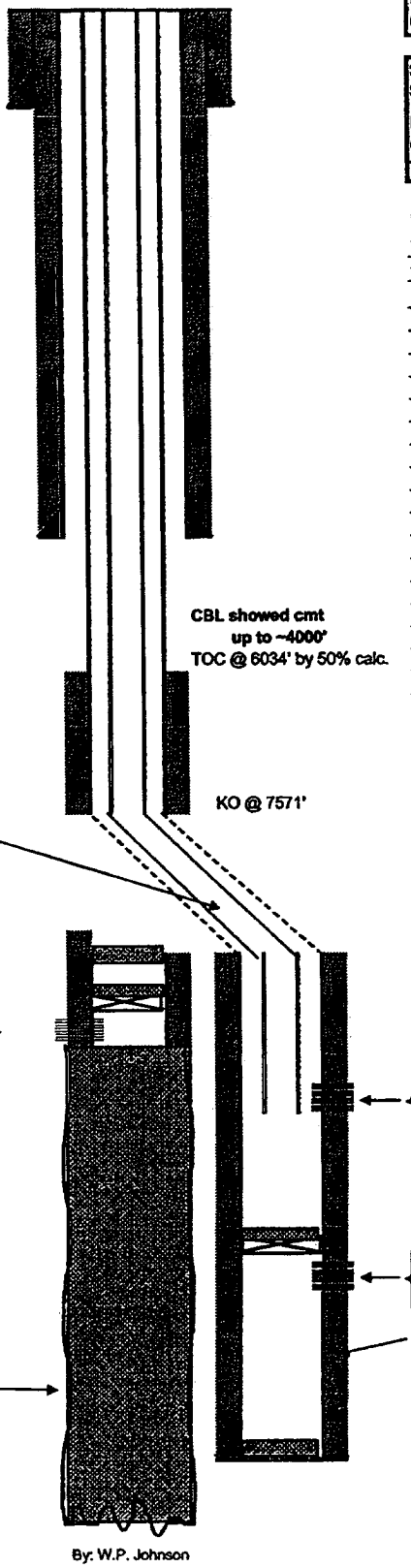
Perfs	Status
8790-8900'	Bone Spring - abandoned

Prod. Csg: 5 1/2" 17# N-80 & K-55
Set: @ 9000' w/225 sx cmt
Hole Size: 7 7/8"
Circ: No **TOC:** 7900'
TOC By: Temperature Survey

PBTD: 7537'
TD: 13100'

Updated: 12/17/04 by MTR

Current
Wellbore Diagram



By: W.P. Johnson

Well ID Info:
Chevno: EQ6821
API No: 30-025-27442
L5/L6: T54 / 2600
Spud Date: 5/31/81
Rig Released:
Compl. Date: 9/14/81

Surface Csg: 11 3/4" 42# H-40
Set: @ 416' w/ 400 sx cmt
Hole Size: 14 3/4"
Circ: Yes **TOC:** Surface
TOC By: Circulation

Initial Completion:
7/13/81 100 sx cmt plugs @ 12900'-13100', 12150'-12350', 10150'-10350'
200 sx cmt plug @ 8720'-9000' ; DO cmt to 9000' ; ran 5 1/2" csg
8/4/81 Perf BSPG 8790'-8900' A/125gal 20% NEFE

Subsequent Work
8/93 Set CIBP @ 8730 cap w/50' cmt ; 50 sx cmt plug 7751'-7537'
Pulled 7667' of 5 1/2" csg ; Cmt plugs @ 5717'-5561' (40 sx),
4214'-4090' (85 sx), 460'-275' (50 sx) & 60'-surf (15 sx)

7/1/98 Re-entered ; DO cmt ; KO @ 7571' ; Drl new hole to TD: 11975'
& run 5 1/2" csg

8/13/98 Perf Strawn 11636'-11638', 11688'-11692', 11754'-11764', 11766'-
11770' & 11774-11779' ; A/7600 gal 15% HCL

10/04 Set CIBP @ 11600' ; top w/35' cmt
Perf Wolfcamp 10582' - 10608'
acidize & complete as an oil well

Perfs	Status
10,582-596', 10,604'-608'	Wolfcamp

CIBP @ 11600 w/ toc @ 11572

Perfs	Status
11636'-38', 11688'-92', 11754'-64' 11766'-70' & 11774'-79'	Strawn - abandoned

Prod. Csg: 5 1/2" 17# N-80 & S-95
Set: @ 11975' w/1375 sx class H cmt
Hole Size: 7 7/8"
Circ: No **TOC:** 6034'
TOC By: 50% Calc.

COTD: 11926'
PBTD: 11926'
TD: 11975'

Well: Scott E Federal Com #1

Field: ~~North Lusk~~

Reservoir: Ouerecho Plains Bone Spring

Location:
1148' FSL & 775' FWL
Section: 28 (SW/4 SW/4)
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Spud Date: 5/31/81
Rig Released:
Compl. Date: 9/14/81

Proposed
Wellbore Diagram

Elevations:
GL: 3718'
KB: 3734'
DF: 3733'

Surface Csg: 11 3/4" 42# H-40
Set: @ 416' w/ 400 sx cmt
Hole Size: 14 3/4"
Circ: Yes **TOC:** Surface
TOC By: Circulation

Log Formation Tops	
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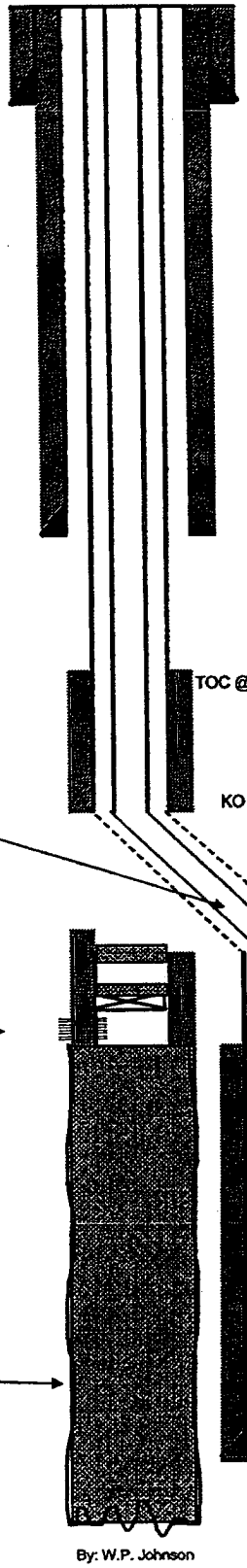
10/04 Set CIBP @ 11600' ; top w/28' cmt
Perf Wolfcamp 10582' - 10608'
acidize & complete as an oil well

1/05 Set CIBP @ 10550' cap w/ 2 sx cmt
Perf Upper Bone Spring
Frac & complete as an oil well
PROPOSED

Intermediate Csg: 8 5/8" 28# S-80
Set: @ 4158' w/ 1700 sx cmt
Hole Size: 11"
Circ: Yes **TOC:** Surface
TOC By: Circulation



TUBING DETAIL -

Proposed 2-7/8 L-80 set @ 9500'

Cmt plug 7537'-7751' (50 sx)
5 1/2" csg stub @ 7667'
CIBP @ 8730' (50' cmt on top)

Perfs	Status
8790-8900'	Bone Spring - abandoned

Proposed Perfs	Status
8397' - 8658'	Upper Bone Spring

Proposed CIBP @ 10500' - 10520'

Perfs	Status
10,582-596', 10,604'-608'	Wolfcamp - abandoned

CIBP @ 11600 w/ toc @ 11572

Perfs	Status
11636'-38', 11688'-92', 11754'-64' 11766'-70' & 11774'-79'	Strawn - abandoned

Prod. Csg: 5 1/2" 17# N-80 & K-55
Set: @ 9000' w/225 sx cmt
Hole Size: 7 7/8"
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TOC By: 50% Calc.

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By: W.P. Johnson

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