Submit 3 copies to Appropriate District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240
DISTRICT II
P.O. Box Drawer DD, Artesia, NM 88210
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO. 30-025-04761

5. Indicate Type of Lease STATE ☑ FEE ☐

6. State Oil / Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMI (FORM C-101) FOR SUCH PROPOSALS.

7. Lease Name or Unit Agreement Name: HARRY LEONARD (NCT-A)

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

2. Name of Operator: CHEVRON USA INC

8. Well No. 8

3. Address of Operator: 15 SMITH ROAD, MIDLAND, TX 79705

9. Pool Name or Wildcat: EUMONT;YATES 7 RVRS QUEEN

4. Well Location

Unit Letter O : 660' Feet From The SOUTH Line and 1980' Feet From The EAST Line

Section 22 Township 21-S Range 36-E NMPM LEA COUNTY

10. Elevation (Show whether DF, RKB, RT,GR, etc.) 3507' GL

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☑	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPERATION	☐	PLUG AND ABANDONMENT	☐
PULL OR ALTER CASING	☐			CASING TEST AND CEMENT JOB	☐		
OTHER:		ADD PERFS, FRAC STIMULATE	☑	OTHER:			☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

CHEVRON U.S.A. INTENDS TO ADD PERFS IN THE EUMONT AND FRAC STIMULATE THE SUBJECT WELL.

THE INTENDED PROCEDURE AND THE WELL BORE DIAGRAM IS ATTACHED FOR YOUR APPROVAL.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Denise Leake TITLE Regulatory Specialist DATE 5/28/2002

TYPE OR PRINT NAME Denise Leake Telephone No. 915-687-7375

(This space for State Use)

APPROVED

CONDITIONS OF APPROVAL, IF ANY: TITLE ORIGINAL SIGNED BY PAUL F. KAUTZ PETROLEUM ENGINEER DATE JUN 04 2002

DeSoto/Nichols 12-93 ver 1.0

Harry Leonard (NCT-A) # 8
Eumont Field
T21S, R36E, Section 22
Job: Add Perfs In Eumont And Frac Stimulate

Procedure:

1. MI & RU pulling unit. Bleed pressure from well, if any. Pump down tbg with 2% KCl water, if necessary to kill well. POH with rods and pump. Remove WH. Install BOP's and test to 1000 psi.

2. POH with 2 3/8" tbg string. LD MA joint, perforated tbg sub, SN, and TAC.

3. PU and GIH with 4 ¾" MT bit on 2 3/8" prod tbg string to approximately 3916'. POH with tbg string and bit. LD bit.

4. PU and GIH w/ 5 ½" RBP on 2 3/8" prod tbg string to 3775'. Set RBP at 3775'. Spot 20' sand on top of RBP. PUH to approximately 3500'. Reverse circulate well clean from 3500' using 2% KCl water. Pressure test casing and RBP to 500 psi. POH with 2 3/8" tbg string and retrieving head. LD retrieving head.

5. MI & RU electric line unit. Install lubricator and test to 1000 psi. GIH with 4" RHSC casing gun and perforate from 3105-40', 3175-95', 3450-80', and 3550-3750' with 2 JSPF at 120 degree phasing, using premium charges. POH. RD & release electric line unit.

6. PU and GIH w/ 5 ½" Lok-Set pkr & On-Off tool w/ 1.78" "F" profile on 3 ½" EUE 8R L-80 work string, testing to 7000 psi.. Set pkr at approximately 3000'. Pressure annulus to 500 psi to test csg and pkr. Leave pressure on csg during acid job and swabbing. Monitor closely for communication during acid job.

7. MI & RU BJ Services. Pump down 3 ½" tubing and acidize perfs 3105-3750' with 5,000 gals 15% anti-sludge HCl acid ** at a pump rate of **6 BPM** and a maximum treating pressure of **6500 psi**. Drop 300 - 1.3 sp. gr. 7/8" ball sealers evenly distributed throughout treatment. Displace acid with 2% KCl water -- do not overdisplace. Record ISIP, 5, 10, & 15 minute SIP's. **Note: Pickle tubing with 500 gals 15% HCl acid prior to acidizing perfs. Pickle acid is to contain only 1/2 gal CI-25 and 1 gal NE-13.**

** Acid system is to contain:

1 GPT CI-25	Corrosion Inhibitor
2 GPT FE-270L	Iron Control
1 GPT FE-271L	Iron Control Catalyst
25 GPT US-40	EGMBE
2 GPT Inflo 150	Fluorosurfactant
1 GPT FAW-18	Binding Agent
1 GPT NE-13	Non-Emulsifier

8. Release treating pkr and LD to approximately 3750' to wipe balls off perfs. PUH to 3050' and reset treating pkr. Swab back all intervals together. Recover 100% of treatment and load volumes before shutting well in for night, if possible. Report recovered fluid volumes, pressures, and/or swabbing fluid levels.

9. Install frac head. Pressure annulus to 500 psi and leave on csg during frac job to observe for communication.

10. MI & RU BJ Services. Frac well down 3 ½" tubing at **35 BPM** with 69,500 gals of 50-70 Quality CarboFoam 30, 4,500 lbs. 100 mesh White Sand, and 175,500 lbs. 16/30 mesh White Sand. Observe a maximum surface treating pressure of **6500 psi**. Pump job as follows:

    Pump 9,000 gals 70 Quality CarboFoam 30 pad
    Pump 9,000 gals 70 Quality CarboFoam 30 pad containing 0.5 PPG 100 mesh White Sand
    Pump 9,000 gals 70 Quality CarboFoam 30 pad
    Pump 3,000 gals 65 Quality CarboFoam 30 containing 1 PPG 16/30 mesh White Sand
    Pump 5,500 gals 65 Quality CarboFoam 30 containing 2 PPG 16/30 mesh White Sand
    Pump 7,500 gals 65 Quality CarboFoam 30 containing 3 PPG 16/30 mesh White Sand
    Pump 7,500 gals 60 Quality CarboFoam 30 containing 4 PPG 16/30 mesh White Sand
    Pump 8,000 gals 60 Quality CarboFoam 30 containing 5 PPG 16/30 mesh White Sand
    Pump 8,000 gals 55 Quality CarboFoam 30 containing 6 PPG 16/30 mesh White Sand
    Pump 3,000 gals 50 Quality CarboFoam 30 containing 7 PPG 16/30 mesh White Sand

    Flush to 3050' with 1,115 gals 50 Quality CarboFoam 30. **Do not overflush.** Shut well in. Record ISIP, 5, 10, and 15 minute SI tbg pressures. RD & Release BJ Services.

11. Open well and backflow or swab as necessary until well cleans up and a stabilized flow rate is obtained. Report recovered fluid volumes, pressures, and/or swabbing fluid levels.

12. GIH and set tbg plug in "F" profile. Release on-off tool and POH with 3 ½" work string and top half of on-off tool. Lay down work string. PU and GIH w/ top half of on-off tool on 2 3/8" tbg, testing to 5000 psi. Displace annulus with inhibited packer fluid. Re-engage on-off tool.

13. Remove BOP's and install flanged WH rated at 2000 psi WP. Pressure test tbg and WH to 2000 psi. Pressure test casing to 500 psi. GIH and swab fluid level in tubing down until differential across tbg plug is balanced. GIH and retrieve tbg plug from "F" nipple. Swab well if necessary to initiate flow. RD & release pulling unit.

14. Turn well over to production. Report producing rates, choke sizes, and flowing pressures.

AMH
5/23/02

WELL DATA SHEET

FIELD: Eumont

WELL NAME: Harry Leonard NCT-A #8

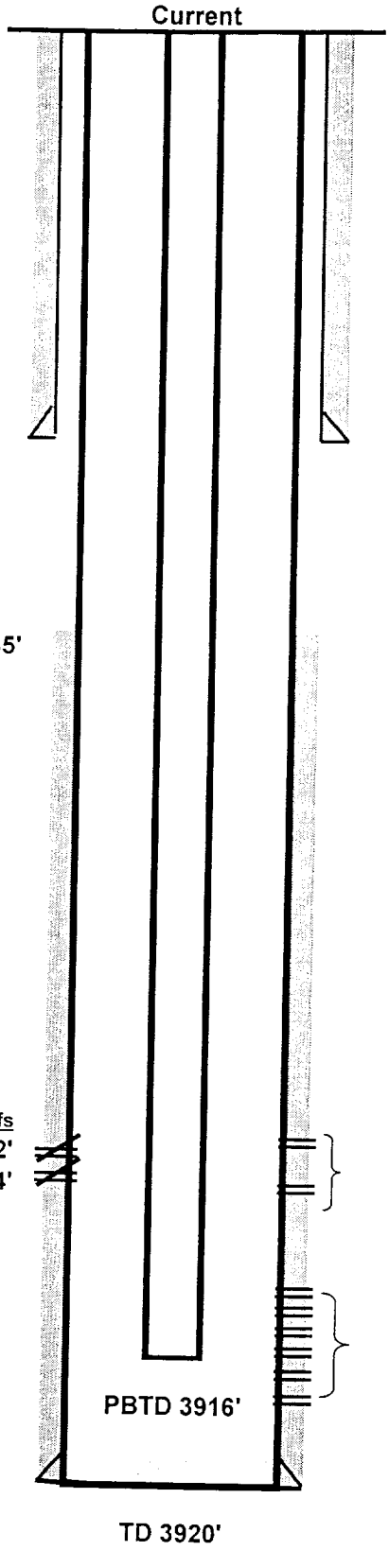
FORMATION: Yates/Seven Rivers/Queen

LOC: 660' FSL & 1980' FEL
TOWNSHIP: 21S
RANGE: 36E

SEC: 22
COUNTY: Lea
STATE: NM

GL: 3507'
KB to GL:
DF to GL:

CURRENT STATUS: SI
API NO: 30-025-04761
REFNO: FA5901



8 5/8", 24# Csg
Set @ 429' w/325 sx cmt.
Circulated to surface.

124 jts 2 3/8", 4.70#
EUE 8 RD J-55 tbg @ 3893'

5 1/2", 14# Csg
Set @ 3920' w/1075' sx cmt.
TOC @ 1385' by TS.

Updated: 5/21/02

Date Completed: 8/19/58

Initial Completion Data:

Perf csg @ 3782', 3794', 3808', 3825', 3832', 3839', 3855', 3869', 3885', & 3898' w/6 holes ea shot. Spotted 500 gals MA. Frac'd w/50,000 gals lse oil w/1/40# Adomite & 1# SPG in 5 stages. Sqz'd perfs 3782' & 3794' w/300 sx cmt.

Subsequent Operations:

9/70 - Perf csg @ 3793'-3795' & 3777'-3779' w/2 1/2" JHPF. Spot 500 gals 15% NE acid.

12/73 - Ppd 750 gals 15% NEA dn tbg. Flsh w/15 BO.

4/78 - Acdz w/750 gals 15% NEFE dbl inhib HCL acid. Dmpd 250 gals dn csg & flsh w/20 bbl.

4/80 - Ppd 500 gals 15% NE dbl inhib HCL acid dn csg.

5/86 - Ppd 750 gals 15% NEFE acid dn csg.

1/91 - Ppd 1000 gals 15% NEFE HCL dn csg. Flsh w/100 bbl 8.6 GKE.

Yates/Seven Rivers/Queen

Perfs	Status
3777-79'	open
3793-95'	open

Yates/Seven Rivers/Queen

Perfs	Status
3808-98'	open

Prepared by: K. M. Jackson

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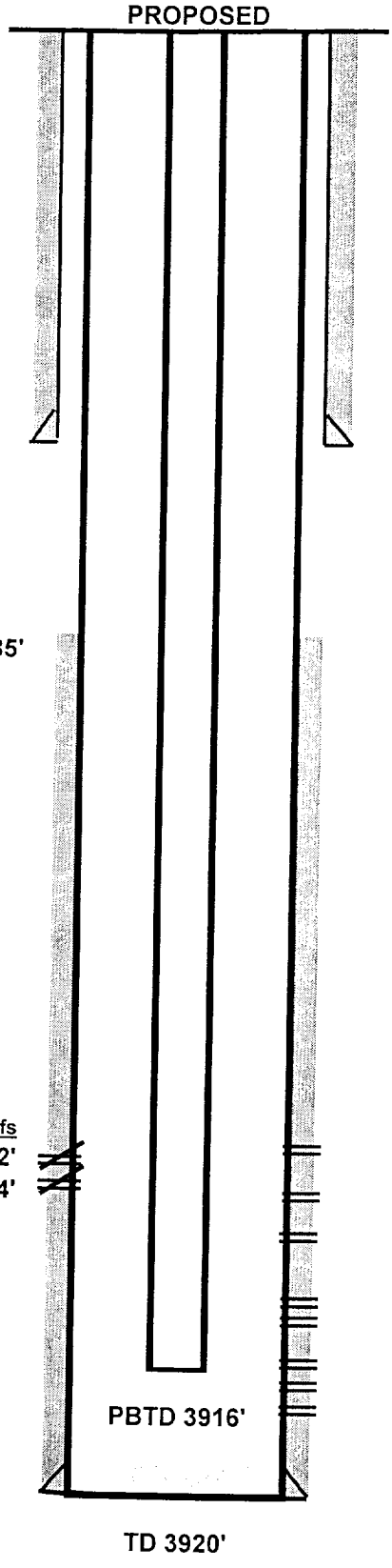

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1/91 - Ppd 1000 gals 15% NEFE HCL dn csg. Flsh w/100 bbl 8.6 GKE.

Yates/Seven Rivers/Queen

Perfs	Status
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3175-95'	open
3450-80'	open
3550-3750'	open
3777-79'	open
3793-95'	open
3808-98'	open

Prepared by: K. M. Jackson