District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr , Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-101
May 27, 2004

Submit to appropriate District Office

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

[1] Operator Name and Address	[2] OGRID Number
CHEVRON U.S.A. INC 15 SMITH ROAD MIDLAND, TEXAS 79705	4323 [3] API Number 30 – 025-34021

[3] Property Code	[5] Property Name	[6] Well No.
2565	THEODORE ANDERSON	12

[9] Proposed Pool 1	[10] Proposed Pool 2
MONUMENT PADDOCK	

[7] Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	8	20-S	37-E		634	SOUTH	631	EAST	LEA

[8] Proposed Bottom Hole Location If Different From Surface

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Additional Well Information

[11] Work Type Code	[12] Well Type Code	[13] Cable/Rotary	[14] Lease Type Code	[15] Ground Level Elevation
P	O		P	3533
[16] Multiple	**[17] Proposed Depth**	**[18] Formation**	**[19] Contractor**	**[20] Spud Date**
NO	7320'	PADDOCK		

Depth to Groundwater	Distance from nearest fresh water well	Distance from nearest surface water

Pit Liner: Synthetic ☐ ____ mils thick Clay ☐ Pit Volume ____ bbls
Closed-Loop System ☐

Drilling Method
Fresh Water ☐ Brine ☐ Diesel/Oil-based ☐ Gas/Air ☐

[21] Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
NO CHANGE					

[22] Describe the proposed program If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

CHEVRON U S A INC. INTENDS TO RECOMPLETE THE SUBJECT WELL FROM THE WEIR DRINKARD TO THE MONUMENT PADDOCK, AND THEN DOWNHOLE COMMINGLE THE PRODUCTION FROM THE TWO RESERVOIRS.

A PIT WILL NOT BE USED FOR THIS PLUGBACK A STEEL FRAC TANK WILL BE UTILIZED.

THE INTENDED PROCEDURE, CURRENT & PROPOSED WELLBORE DIAGRAMS, AND A COPY OF THE REQUEST TO DOWNHOLE COMMINGLE IS ATTACHED.

Permit Expires 1 Year From Approval
Date Unless ~~Drilling~~ Underway
Plugback

[23] I hereby certify that the information given above is true and complete to the best of my knowledge and belief. **I further certify that the drilling pit will be constructed according to NMOCD guidelines ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.**

Signature: Denise Pinkerton

Printed name: DENISE PINKERTON

Title: REGULATORY SPECIALIST

E-mail Address: LEAKEJD@CHEVRON.COM

Date: 10-09-2007 Phone: 432-687-7375

OIL CONSERVATION DIVISION

Approved by: Chris Williams

Title: DISTRICT SUPERVISOR/GENERAL MANAGER

Approval Date: OCT 15 2007 Expiration Date

Conditions of Approval Attached ☐

Theodore Anderson #12 **10/01/2007**
Frac Drinkard and DHC with Paddock
Section 8, T20S, R37E, Unit P
Lea County, NM
30-025-34021

UCL271000

Completion Procedure:

1. ***This procedure is based on the most recent information regarding wellbore configuration and equipment that could be found in the Midland Office well files and computer databases as of 10/01/2007. Verify what is in the hole with the well file in the Eunice Field office. Discuss w/ WEO Engineer, Workover Rep, OS, ALS, and FS prior to rigging up on well regarding any hazards or unknown issues pertaining to the well.***

2. MI & RU workover unit. Bleed pressure from well, if any. Pump down csg with 8.6 PPG cut brine water, if necessary to kill well. POH LD rods and pump. Remove WH. Install BOP's and test as required. POH and stand back 2-7/8" tbg. **NOTE: LD tubing and rods if corrosion/pitting are evident and use new 2-7/8" "Class A" tubing for job.**

3. PU and GIH with 4 ¾" MT bit, 2-7/8" tubing, and WS as needed to 6950' (PBTD). Circulate well clean from 6950' with 8.6PPG cut brine water, if possible. POH with WS, tubing, and bit. LD bit.

4. MI & RU BakerAtlas WL. RIH & perf **Drinkard** w/ 3-1/8" slick guns loaded with 4 SPF 120° phasing and 23 gram charges as follows:

Top	Bottom	Net Ft	Number of Perfs
6687	6697	10	40
6800	6810	10	40
6858	6868	10	40

Note: Tie back to Computalog Acoustic Cement Bond Log dated 9-30-1997.

5. RD and release WL unit. RIH w/ 5-1/2" PPI packer w/ SCV on 2-7/8" WS (use 12' element spacing). Test PPI packer in blank pipe. Mark settings for Drinkard acid job.

6. MIRU DS acid truck. Pump **3,000 gals** 15% NEFE anti-sludge HCl acid at max rates as shown below and max treating pressure of **6,000 psi** as follows:

Interval	Volume	Rate	PPI Setting
6858-6868	1000	1 BPM	6857-6869
6800-6810	1000	1 BPM	6779-6811
6687-6697	1000	2 BPM	6686-6698

PUH w/ pkr to 6500'. Set pkr, fish SCV and standing valve. Test annulus to 500 psi.

Pump **1,000 gal** 15% NEFE anit-sludge HCl acid at **max rate**, staying below 6,000 psi. Displace with 8.6# BW – do not over displace. Record ISIP, 5, 10, & 15 minute SIP's.

Total acid Volume: ~4,000 gallons.

* Acid system to contain:	2 GPT A264	Corrosion Inhibitor
	8 GPT L63	Iron Control Agents
	3 PPT A179	Iron Control Aid
	20 GPT U66	Mutual Solvent
	2 GPT W53	Non-Emulsifier

7. RD DS acid truck. RU swab and swab well recording rates, volumes, pressures, and fluid levels. Report to engineer. RD swab.

8. Release Pkr and TOH w/ Pkr. LD Pkr.

9. TIH w/ 5-1/2" Arrow-Set 10k pkr & On/Off tool w/ 2.25" F profile on 3-1/2" WS. Test tubing to 8,000 psi while going in hole. Install frac head. Set packer @ +/-5500' (TOC @ 5030'). Load backside with 2% KCL and pressure to 500#.

10. MIRU Schlumberger frac crew. Frac Drinkard perfs down 3-1/2" tubing at **30 BPM** with 30,000 gals YF125ST, 60,000# 20/40 Jordan sand. PropNet will be pumped in the last stage. **Ensure extra PropNet is brought to location to use if needed!** Ramp from 1 PPG to 5 PPG w/ max pressure of **8,000 psi** in 6 stages as follows:

    Pump 1,000 gals WF125ST @ 20 BPM w/ 5 GPT J451 Fluid Loss Additive
    Pump 11,000 gals YF125ST Pad @ 30 BPM w/ 5 GPT J451 Fluid Loss Additive
    Pump 2,500 gals YF125ST containing 1 PPG 20/40 Jordan Sand @ 30 BPM
    Pump 3,000 gals YF125ST containing 2 PPG 20/40 Jordan Sand @ 30 BPM
    Pump 3,500 gals YF125ST containing 3 PPG 20/40 Jordan Sand @ 30 BPM
    Pump 4,000 gals YF125ST containing 4 PPG 20/40 Jordan Sand @ 30 BPM
    Pump 1,000 gals YF125ST containing 5 PPG 20/40 Jordan Sand @ 30 BPM
    Pump 4,000 gals YF125ST containing 5 PPG 20/40 Jordan w/ Prop Net @ 30 BPM

    Flush to @ 6560' using 3073 gal WF125ST. **DO NOT OVERFLUSH.** Record ISIP, 5, 10, & 15 SIP. RD & Release DS Services. Leave well SI overnight.

11. Open well. Bleed pressure from well, if any. Release pkr. POH w/ pkr and 3-1/2" WS. LD pkr and 3-1/2" WS. PU and GIH with 4 ¾" MT bit on 2 7/8" WS to approximately 6950'. If fill is tagged above 6950', cleanout to 6950' using 8.6# PPG cut brine water using air unit if necessary. POH with 2 7/8" tbg and bit. LD bit.

12. PU & GIH with 5 ½" pkr on 2 7/8" tbg string to 6500'. Set pkr at 6500'. Open well. GIH and swab well recording rates, volumes, pressures, and fluid levels. Report to engineer. RD swab.

13. Release pkr. POH 2-7/8" tubing and pkr. RIH w/ retrievable bridge plug and set @ 5300'. Load and test RBP to 500 psi. POH and stand back 2-7/8" tubing.

14. MI & RU BakerAtlas WL. RU lubricator. GIH with 3-3/8" Predator casing gun and perforate the following intervals with 4 JSPF at 120 degree phasing using 32 gram premium charges:

Top Perf	Bottom Perf	Net Feet	Total Holes
5133	5143	10	40

POH RD & release WL. **Note: Tie back to Computalog Acoustic Cement Bond Log dated 9-30-1997.**

15. RIH w/ 5-1/2" packer on 2-7/8" tbg to 5025'. Set pkr @ 5025'. Test.

16. MI & RU DS Services. Pressure annulus to 500 psi and maintain during acid job. Acidize perfs 5133'-5143' with 1,500 gal of 15% NEFE HCl acid* at a maximum rate **of $^1/_2$ BPM** and a maximum surface pressure of **4000 psi** as follows:

Displace acid with 8.6 PPG cut brine water -- do not over displace. Record ISIP, 5 & 10 minute SIP's. RD and release DS services.

* Acid system to contain:	1 GPT A264	Corrosion Inhibitor
	8 GPT L63	Iron Control Agents
	2 PPT A179	Iron Control Aid
	20 GPT U66	Mutual Solvent
	2 GPT W53	Non-Emulsifier

17. Leave well SI 3 hrs for the acid to spend. Open well and flow/swab back spent treatment fluids. Recover 100% of spent acid and load if possible. Report oil cut, recovered fluid volumes, pressures, and/or swabbing fluid levels. Recording rates, volumes, pressures, and fluid levels. Report to engineer. RD swab.

18. TOH w/ tbg and pkr. LD pkr.

19. PU & RIH w/ retrieving head on 2-7/8" tubing to RBP @ 5300'. Release RBP and TOH. LD RBP and retrieving head.

20. PU & RIH w/ 4-3/4" bit on 2-7/8" WS to PBTD of 6940', using air unit if necessary. POOH & LD bit.

21. PU and GIH w/ BP mud anchor jt of 2 7/8" tbg, 2 7/8" x 4' perforated sub, SN, 1 jt. 2 7/8" EUE 8R J-55 IPC tbg, 57 jts 2 7/8" EUE 8R J-55 tbg, TAC, and 163 jts 2 7/8" EUE 8R J-55 tbg, testing to 5000 psi. Set TAC at 5065', with EOT at 6903' and SN at 6866'.

22. NDBOP NUWH. RIH w/ rods and pump as per ALS recommendation. Turn well over to production.

Engineer – Richard Jenkins
432-687-7120 Office
432-631-3281 Cell

63840

Well: **Theodore Anderson #12** Field: **Weir** Reservoir: **Drinkard**

Location:
634' FSL & 631' FEL
Section: 8
Township: 20S
Range. 37E
County Lea State: NM

Elevations:
DF 12'
KB· 13'
GL· 3533'

Current Wellbore Diagram

Well ID Info:
Chevno. BN7586
API No· 30-025-34021
L5/L6: UCL271000
Spud Date: 9/6/1997
Compl. Date: 10/15/1997

Surf. Csg: 11 3/4", 42#, H-40
Set: @ 300' w/ 300 sks
Hole Size: 14 3/4"
Circ: Yes **TOC:** Surface
TOC By: Circulated

Interm. Csg: 8 5/8", 24#, K-55
Set: @ 2470' w/ 610 sks
Hole Size: 11"
Circ: Yes **TOC:** Surface
TOC By: Circulated

Tubing Detail:

#Jts:	Size:	Footage
	KB Correction	12 00
212	Jts: 2 7/8" EUE 8R J-55 Tbg	6452 40
1	TAC	2.85
10	Jts. 2 7/8" EUE 8R J-55 Tbg	301 33
1	Jt 2 7/8" EUE 8R J-55 IPC Tbg	31.53
	SN	1.10
	2 7/8" x 4' Perf Tbg Sub	4.00
1	Jt 2 7/8" EUE 8R J-55 Tbg	31.34
	Bull Plug	0.80
225	**Bottom Of String >>**	**6837.35**

TAC @ 6464'

EOT @ 6837'

CIPB @ 6975' w/ 25' cement

PBTD: 6950'
TD: 7320'

Updated: 9/12/2007

This wellbore diagram is based on the most recent information regarding wellbore configuration and equipment that could be found in the Midland Office well files and computer databases as of the update date below. Verify what is in the hole with the well file in the Eunice Field Office. Discuss w/ WEO Engineer, WO Rep, OS, ALS, & FS prior to rigging up on well regarding any hazards or unknown issues pertaining to the well.

Perfs: **Status**

6607'-11	Drinkard - Open
6614'-23'	Drinkard - Open
6625'-28'	Drinkard - Open
6638'-48'	Drinkard - Open
6672'-76'	Drinkard - Open
6726'-36'	Drinkard - Open
6740'-50'	Drinkard - Open
6780'-89'	Drinkard - Open

Prod. Csg: 5 1/2", 15.50#, K-55
Set: @ 7000' w/ 410 sks
Hole Size: 7 7/8"
TOC: 3223'

Open Hole Interval: Abo
7000'-7320 - Isolated by CIPB

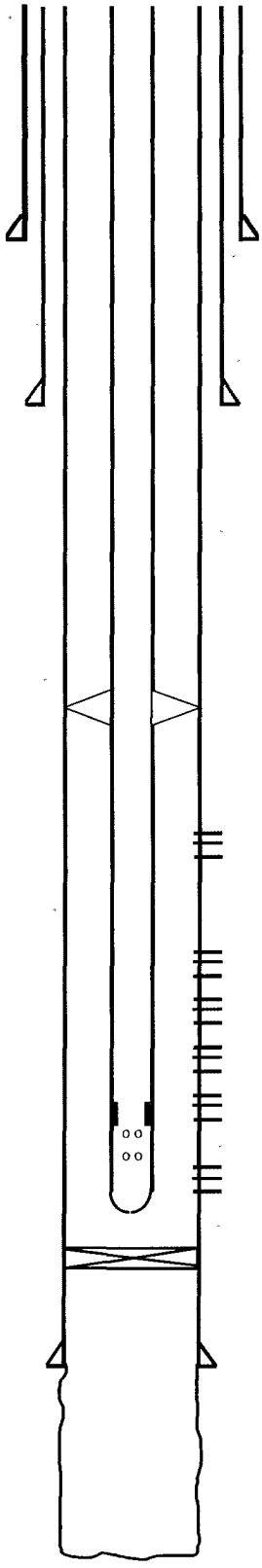
By· rjdg

Monument **Paddock**

Location:
634' FSL & 631' FEL
Section. 8
Township: 20S
Range: 37E
County: Lea State: NM

Elevations:
DF: 12'
KB: 13'
GL: 3533'

Proposed
Wellbore Diagram



Well ID Info:
Chevno: BN7586
API No: 30-025-34021
L5/L6: UCL271000
Spud Date: 9/6/1997
Compl. Date 10/15/1997

Surf. Csg: 11 3/4", 42#, H-40
Set: @ 300' w/ 300 sks
Hole Size: 14 3/4"
Circ: Yes **TOC:** Surface
TOC By: Circulated

Interm. Csg: 8 5/8", 24#, K-55
Set: @ 2470' w/ 610 sks
Hole Size: 11"
Circ: Yes **TOC:** Surface
TOC By: Circulated

This wellbore diagram is based on the most recent information regarding wellbore configuration and equipment that could be found in the Midland Office well files and computer databases as of the update date below. Verify what is in the hole with the well file in the Eunice Field Office. Discuss w/ WEO Engineer, WO Rep, OS, ALS, & FS prior to rigging up on well regarding any hazards or unknown issues pertaining to the well.

Tubing Detail:

#Jts:	Size:	Footage	
	KB Correction	12 00	
163	Jts. 2 7/8" EUE 8R J-55 Tbg	5053.00	12 00
1	TAC	2.85	5065.00
57	Jts 2 7/8" EUE 8R J-55 Tbg	1767 00	5067.85
1	Jt. 2 7/8" EUE 8R J-55 IPC Tbg	31.00	6834 85
	SN	1.10	6865 85
	2 7/8" x 4' Perf Tbg Sub	4 00	6866.95
1	Jt. 2 7/8" EUE 8R J-55 Tbg	31 00	6870.95
	Bull Plug	0.80	6901 95
223	**Bottom Of String >>**	**6902.75**	

TAC @ 5065'

EOT @ 6903'

CIPB @ 6975' w/ 25' cement

PBTD: 6940'
TD: 7320'

Updated: 9/12/2007

Perfs: **Status**
5133'-43' Paddock - Open

Perfs: **Status**
6607'-11 Drinkard - Open
6614'-23' Drinkard - Open
6625'-28' Drinkard - Open
6638'-48' Drinkard - Open
6672'-76' Drinkard - Open
6687'-97' *Drinkard - Open*
6726'-36' Drinkard - Open
6740'-50' Drinkard - Open
6772'-76' Drinkard - Open
6780'-89' Drinkard - Open
6800'-10 *Drinkard - Open*
6858'-68' *Drinkard - Open*

Prod. Csg: 5 1/2", 15.50#, K-55
Set: @ 7000' w/ 410 sks
Hole Size: 7 7/8"
TOC: 5030'
By: CBL

Open Hole Interval: Abo
7000'-7320 - Isolated by CIPB

By. rjdg

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-025-34021	63840	WEIR, DRINKARD

[4] Property Code	[5] Property Name	[6] Well Number
	THEODORE ANDERSON	12

[7] OGRID No.	[8] Operator Name	[9] Elevation
4323	CHEVRON U.S A. INC	3533

[10] Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	8	20-S	37-E		634	SOUTH	631	EAST	LEA

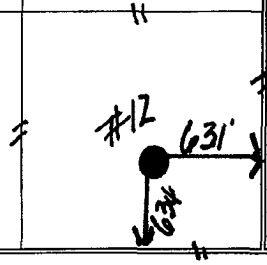
[11] Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
40			

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

16



[17] OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division

Denise Pinkerton 10-09-2007

Signature Date

DENISE PINKERTON
Printed Name

[18] SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief

Date of Survey

Signature and Seal of Professional Surveyor

Certificate Number

District I
1625 N. French Dr., Hobbs, NM 88240

District II
811 South First, Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, NM 87505

Form C-102
Revised March 17, 1999

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-025-34021	47080	Monument; Paddock

[4] Property Code	[5] Property Name	[6] Well Number
2565	Theodore Anderson	12

[7] OGRID No.	[8] Operator Name	[9] Elevation
4323	Chevron U.S.A., Inc.	3533'

[10] Surface Location

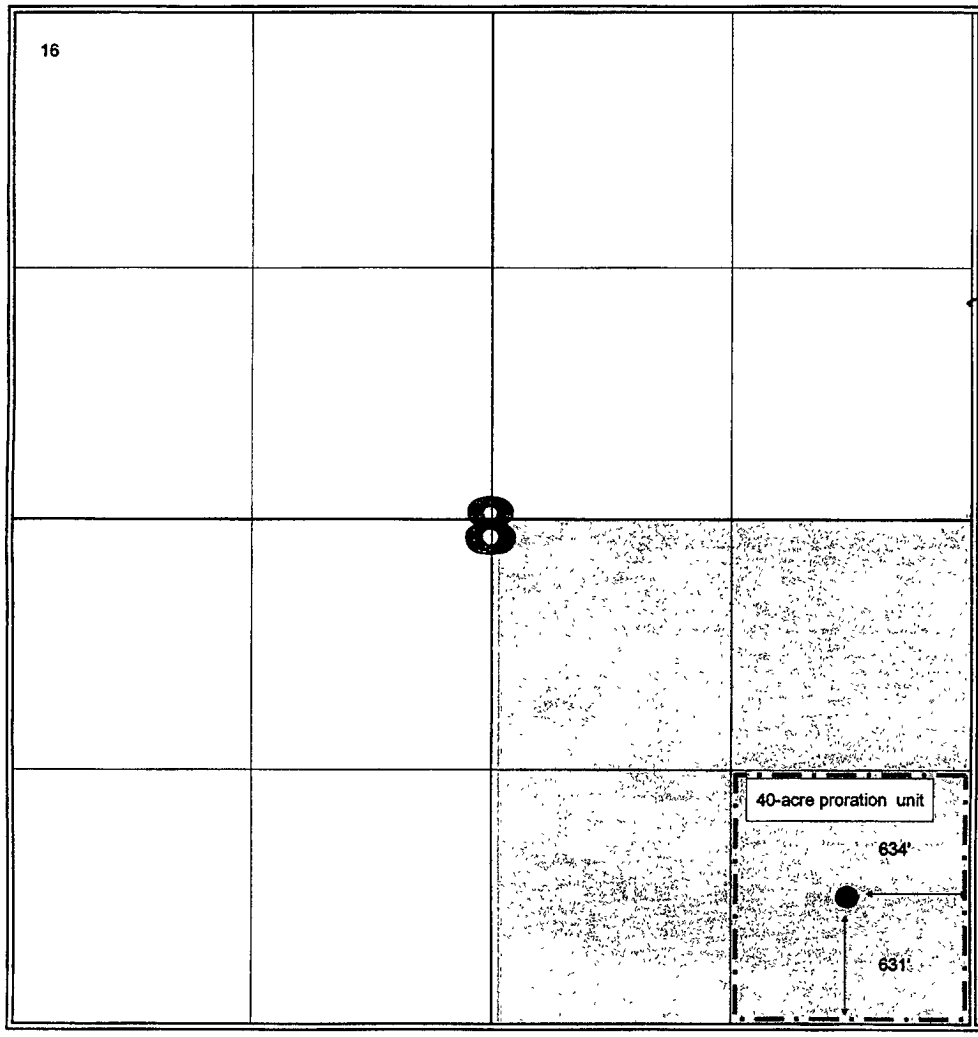
UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	8	20S	37E		634'	South	631'	East	Lea

[11] Bottom Hole Location If Different From Surface

UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
40			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



1

OPERATOR CERTIFICATION

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

Signature

Richard A. Jenkins
Printed Name

NM Petroleum Engineer
Title

10/01/2007

1

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Signature and Seal of Professional Surveyor

Certificate Number