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 – 025-35694

[3] Property Code	[5] Property Name	[6] Well No.
28829	LOVE 32	3

[9] Proposed Pool 1	[10] Proposed Pool 2
MONUMENT BLINEBRY 46990	

[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
O	32	19-S	37-E		330	SOUITH	2310	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	3559'
[16] Multiple	**[17] Proposed Depth**	**[18] Formation**	**[19] Contractor**	**[20] Spud Date**
NO	6662'	BLINEBRY		

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

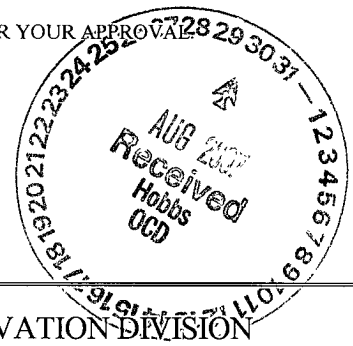
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
NO CHANGE					

[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 TUBB RESERVOIR TO THE BLINEBRY POOL

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

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. 8-29-2007 | Phone: 432-687-7375

OIL CONSERVATION DIVISION

Approved by: Chris Williams

Title: ~~OC DISTRICT SUPERVISOR/GENERAL MANAGER~~

Approval Date: AUG 3 1 2007 | Expiration Date:

Conditions of Approval Attached ☐

Love 32 #3 **8/14/07**
Monument Field
T19S, R37E, Section 32
30-025-35694
Job: Repair intermediate casing flow and PB to Glorieta/Paddock and Blinebry

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 8/14/2007. 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. Displace flowline with fresh water. Have field specialist close valve at header. Pressure line according to the type of line. Buried fiberglass lines will be tested with 300 psi. All polypipe (SDR7 and SDR11) will be tested w/100 psi. All steel lines will be tested w/500 psi. If a leak is found, contact Donnie Ives for repair/replacement. If test is good, bleed off pressure and **open valve** at header. Document this process in the morning report.

3. 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 if corrosion/pitting are evident and use new 2-7/8" "Class A" tubing for job.**

4. PU and GIH with 4 ¾" MT bit, 2-7/8" tubing, and WS as needed to 6430'. Circulate well clean from 6430' with 8.6PPG cut brine water, if possible. POH with WS, tubing, and bit. LD bit.

5. MI & RU WL. GIH w/ CIBP to 6400'. Set 5 ½" CIBP at +/-6400' or within 100' of top perf. Pressure test casing and CIBP to 500 psi. POH. LD setting tool.

6. GIH and conduct RAL/GR/CCL/TS log from 6400' to surface. **NOTE: Send logs to engineering for evaluation before continuing with job.** GIH and dump bail 35' cement on top of CIPB @6400'. POH & release WL.

7. **Attempt to repair intermediate casing flow. Detailed procedure will be made after evaluating cement.**

8. MI & RU WL. GIH with 3-1/8" slick casing guns and perforate **Blinebry** formation with 4 JSPF at 120 degree phasing using 23 gram premium charges:

Top Perf	*Bottom Perf*	*Net Feet*	*Total Holes*
5694	*5701*	*7*	*28*
5704	*5710*	*6*	*24*
5745	*5747*	*2*	*8*
5755	*5765*	*10*	*40*

5772	5781	9	36
	total	34	136

Note: Use Halliburton Depth Control Log dated 11/22/93 for depth correction.

9. RD and release WL unit. RIH w/ treating pkr, hydrotesting to 5,000 psi. Set PKR @ +/- 5640' or within 75' of top perforation.

10. MIRU DS acid truck. Pump down 2-7/8" tubing into Blinebry perfs (5694'-5781') with 3,000 gal 20% HCL* at **8-10 BPM** and max treating pressure of **4,500 psi** using 200 1.3 SG ball sealers for diversion. Pressure annulus to 500 psi and monitor annulus pressure throughout job.

    Pump job as follows:

    Stage 1: Pump 750 gallons of 20% HCL and then start dropping 7/8", 1.3 SG ball sealers continuously throughout remainder of job. Overflush with 37 bbl of 2% KCL water. Surge off ball sealers.

    Record ISIP, 5, 10 and 15 min SIP. Wait 2 hrs (at least 1 hr and maximum 3 hrs).

** 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*

11. RD DS acid truck. Open well and swab/flow back acid load. Recover 100% of spent acid and load before SI well for night. Report swab volumes to engineer. RD swab. Release pkr and TOH w/ pkr and 2-7/8" WS. POOH and LD pkr.

12. 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 @ +/-5600'. Load backside with 2% KCL and pressure to 500#.

13. MI & RU DS Services. Frac Blinebry down 3-½" WS at **35 BPM** with 49,000 gals of YF125; 86,000 lbs. 16/30 mesh Jordan Sand and 48,000 lbs resin-coated 16/30 mesh CR4000 proppant. Observe a maximum surface treating pressure of **7,500 psi**. Pump job as follows:

    Pump 2,000 gals 2% KCL water spacer @ 20 BPM
    Pump 22,000 gals YF125 pad containing 5 GPT J451 Fluid Loss Additive @ 35 BPM
    Pump 2,000 gals YF125 ramping from 1.5 to 2.5 PPG 16/30 Jordan Sand @ 35 BPM
    Pump 2,000 gals YF125 ramping from 2.5 to 3.5 PPG 16/30 Jordan Sand @ 35 BPM
    Pump 5,000 gals YF125 ramping from 3.5 to 4.5 PPG 16/30 Jordan Sand @ 35 BPM
    Pump 8,000 gals YF125 ramping from 4.5 to 6.0 PPG 16/30 Jordan Sand @ 35 BPM
    Pump 2,000 gals YF125 holding 6.0 PPG 16/30 Jordan Sand @ 35 BPM
    Pump 8,000 gals YF125 holding 6.0 PPG 16/30 **resin-coated** CR4000 proppant @ 35 BPM

Flush to 5635' with 2,080 gal (49.5 Bbls) WF125. **Do not overflush.** Shut well in. Record ISIP, 5, 10 and 15 minute SI tbg pressures. SWI. RD & Release DS Services and Tracer-Tech Services. **Leave well SI overnight.**

14. Open well. Bleed pressure from well, if any. Release pkr. POH LD 3-½" work string, on-off tool, and pkr. LD 3-1/2" WS.

15. PU and GIH with 4 ¾" MT bit on 2-7/8" WS. Tag for fill and clean out to 6365', using air unit if necessary. POH with 2-7/8" WS and bit. LD bit.

16. PU and GIH with 5-1/2" Lok-Set pkr and On-Off tool w/ 2.25" "F" profile on 2 7/8" tbg string to 5625'. Set pkr at +/- 5625'. Open well. GIH and swab well until there is no sand inflow. Release pkr. POH with 2-7/8" tbg string, pkr, and on-off tool. LD pkr and on-off tool.

17. **Production equipment to be sized based on swab data.**

18. Remove BOP's and install WH. RD & release workover unit.

19. Turn well over to production. Report producing rates, choke sizes, flowing pressures and/or fluid levels.

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

Well: **Love 32 # 3** Field: **Monument** Reservoir: **Tubb**

UL-D

Location:
330' FSL & 2310' FEL
Section: 32
Township: 19S
Range: 37E Unit: E
County: Lea State: NM

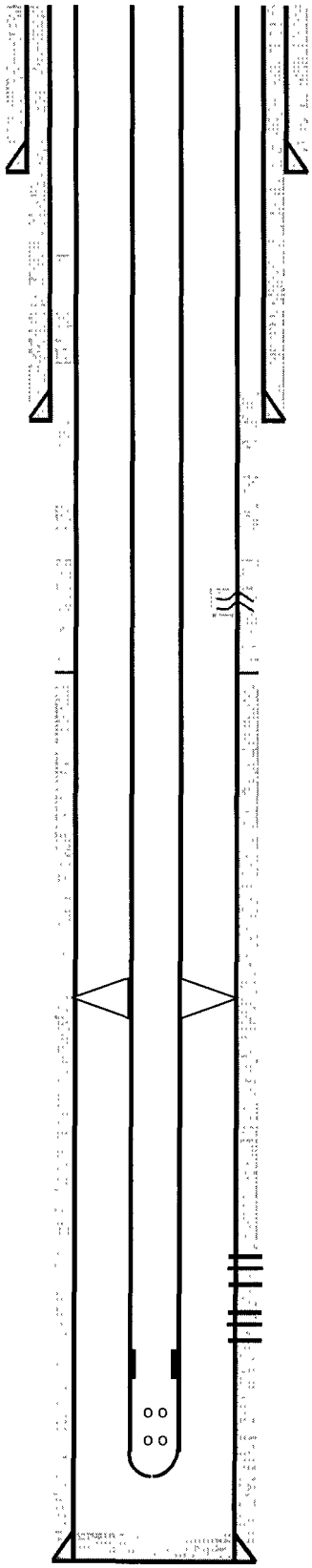
Current
Wellbore Diagram

Well ID Info:
Chevno: HD9954
API No: 30-025-35694
L5/L6:
Spud Date: 9/25/2001
Compl. Date: 2/12/2002

Elevations:
GL: 3559'
KB: 3570'
DF: 3569'

Prop-28829
Fee

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.



Surf. Csg: 11 3/4", 42#, H-40
Set: @ 300' w/ 350 sks
Hole Size: 14 3/4"
Circ: Yes **TOC:** Surface
TOC By: Circulated

Interm. Csg: 8 5/8", 24#, K-55
Set: @ 2569' w/ 900 sks
Hole Size: 11"
Circ: Yes **TOC:** Surface
TOC By: Circulated

8/04 - Repair casing leak btw 4228'-4260'

primary TOC @ 4384'

Tubing Detail:

#Jts:	Size:	Footage
	KB Correction	15.00
210	Jts. 2 7/8" EUE 8R J-55 Tbg	6419.06
	TAC	2 75
5	Jts 2 7/8" EUE 8R J-55 Tbg	148 99
	SN	1 10
	2 7/8" x 4' Perf Tbg Sub	4 00
1	Jt 2 7/8" EUE 8R J-55 Tbg	31 00
	Bull Plug	0 50
216	**Bottom Of String >>**	6622.40

Perfs:	Status:
6494-6502'	Tubb - Open
6515-21'	Tubb - Open
6543-54'	Tubb - Open
6570-83'	Tubb - Open

Prod. Csg: 5 1/2", 15.5#, K-55
Set: @ 6660' w/ 895 sks
Hole Size: 7 7/8"
Circ: No **TOC:** 4384'
TOC By: CBL
*actual TOC unknown due to remedial squeeze job in 2004 - not circulated to surface

COTD: 6635'
PBTD: 6635'
TD: 6662'

Updated: 7/16/2007

By: svyo

Well: **Love 32 # 3**

Field: **Monument**

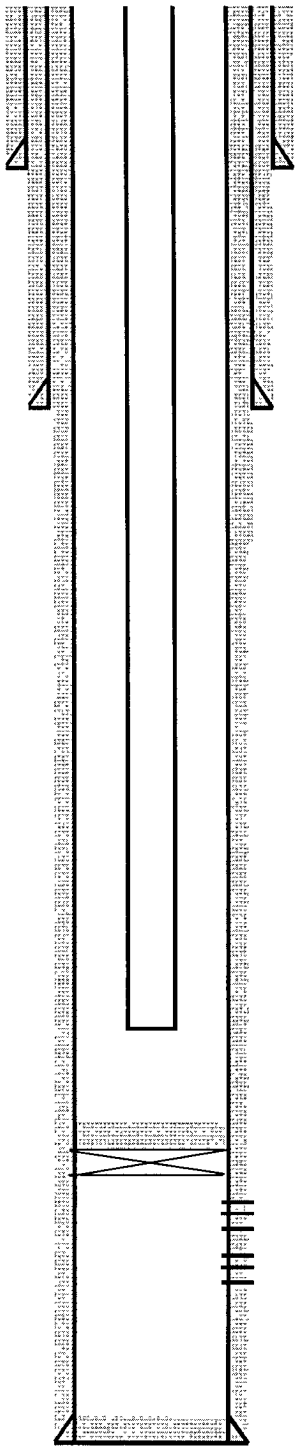
Reservoir: **Blinebry**

Location:
330' FSL & 2310' FEL
Section: 32
Township: 19S
Range: 37E
County: Lea State: NM

Elevations:
GL: 3559'
KB: 3570'
DF: 3569'

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.

Proposed Wellbore Diagram



Well ID Info:
Chevno: HD9954
API No: 30-025-35694
L5/L6:
Spud Date: 9/25/2001
Compl. Date: 2/12/2002

Surf. Csg: 11 3/4", 42#, H-40
Set: @ 300' w/ 350 sks
Hole Size: 14 3/4"
Circ: Yes **TOC:** Surface
TOC By: Circulated

Interm. Csg: 8 5/8", 24#, K-55
Set: @ 2569' w/ 900 sks
Hole Size: 11"
Circ: Yes **TOC:** Surface
TOC By: Circulated

Perfs:	**Status:**
5694'-01'	Binebry - Open
5704'-10'	Binebry - Open
5745'-47'	Binebry - Open
5755'-65'	Binebry - Open
5772'-81'	Binebry - Open

CIPB @ 6400' w/ 35' cmt on top

Perfs:	**Status:**
6494-6502'	Tubb - Below CIBP
6515-21'	Tubb - Below CIBP
6543-54'	Tubb - Below CIBP
6570-83'	Tubb - Below CIBP

Prod. Csg: 5 1/2", 15.5#, K-55
Set: @ 6660' w/ 895 sks
Hole Size: 7 7/8"
Circ: yes **TOC:** surface
TOC By: sqz job/circulation

COTD: 6365'
PBTD: 6665'
TD: 6662'

Updated: 7/16/2007

By: rjdg

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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
30-025-35694	46990	MONUMENT; BLINEBRY

[4] Property Code	[5] Property Name	[6] Well Number
28829	LOVE 32	3

[7] OGRID No.	[8] Operator Name	[9] Elevation
4323	CHEVRON U.S.A. INC.	3559' GL

[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
O	32	19-S	37-E		330	SOUTH	2310	EAST	LEA

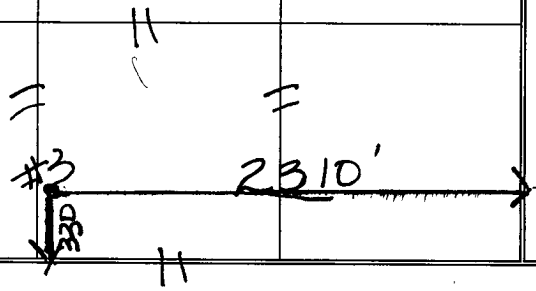
[11] Bottom Hole Location If Different From Surface

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 8-29-2007
Signature Date

DENISE PINKERTON REGULATORY SPECIALIST
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