

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

HOBBS OGD

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
June 16, 2008

MAY 24 2011

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

Submit to appropriate District Office

☐ AMENDED REPORT

RECEIVED

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

¹ Operator Name and Address CHEVRON U.S.A. INC. 15 SMITH ROAD MIDLAND, TEXAS 79705		² OGRID Number 4323
		³ API Number 30 - 025-33920
³ Property Code 18927	⁵ Property Name MONUMENT 12 STATE	⁶ Well No. 8
⁹ Proposed Pool 1 MONUMENT; DRINKARD, NE		¹⁰ Proposed Pool 2

⁷ Surface Location

UL or lot no. N	Section 12	Township 19-S	Range 36-E	Lot Idn	Feet from the 419'	North/South line SOUTH	Feet from the 1801'	East/West line WEST	County LEA
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⁸ Proposed Bottom Hole Location If Different From Surface

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

¹¹ Work Type Code PLUGBACK	¹² Well Type Code O	¹³ Cable/Rotary	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation
¹⁶ Multiple NO	¹⁷ Proposed Depth 7516'	¹⁸ Formation DRINKARD	¹⁹ Contractor	²⁰ Spud Date

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 RECOMLETE THE SUBJECT WELL INTO THE MONUMENT; DRINKARD, NE FORMATION.

PLEASE FIND ATTACHED, THE INTENDED PROCEDURE, WELLBORE DIAGRAM, C-102 PLAT, & C-144 PIT INFORMATION.

**Permit Expires 2 Years From Approved
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.

Signature:

Denise Pinkerton

Printed name:
DENISE PINKERTON

Title:
REGULATORY SPECIALIST

E-mail Address:
leakejd@chevron.com

Date:
05-20-2011

Phone:
432-687-7375

OIL CONSERVATION DIVISION

Approved by:

[Signature]

Title:

PETROLEUM ENGINEER

Approval Date: **MAY 26 2011**

Expiration Date:

Conditions of Approval Attached ☐

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MAY 24 2011

RECEIVED

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 30-025-33920	² Pool Code 97008	³ Pool Name MONUMENT; DRINKARD, NE
⁴ Property Code 18927	⁵ Property Name MONUMENT 12 STATE	
⁷ OGRID No. 4323	⁸ Operator Name CHEVRON U.S.A. INC.	
		⁶ Well Number 8
		⁹ Elevation

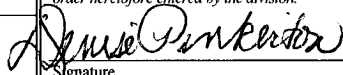
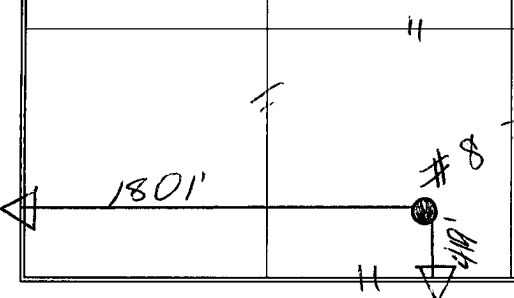
¹⁰ Surface Location

UL or lot no. N	Section 12	Township 19-S	Range 36-E	Lot Idn	Feet from the 419	North/South line SOUTH	Feet from the 1801	East/West line WEST	County LEA
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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 40	¹³ Joint or Infill	¹⁴ Consolidation Code		¹⁵ Order No.					

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>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.</i>  Signature Date 05-20-2011 DENISE PINKERTON REGULATORY SPECIALIST Printed Name			
	¹⁸ SURVEYOR CERTIFICATION <i>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.</i> Date of Survey Signature and Seal of Professional Surveyor:  Certificate Number			

March 28, 2011

Monument 12 State #8

Monument Field

T19S, R36E, Sec.12, 1801' FWL 419' FSL

Job: Perforate Drinkard formation and acidize perforations

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 March 28, 2011. Verify what is in the hole with the well file in the Eunice field office. Discuss with WEO Engineer, Workover Rep, OS, ALCR, 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/1000 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. **Note: Prior to performing this step of the procedure, ensure that all valves, pipe, and fittings that will be exposed to test pressure are rated higher than the planned test pressure.**
3. MI & RU workover unit. Bleed pressure from well, if any. Pump down casing with 8.6 PPG cut brine water, if necessary to kill well. ND WH. Install BOP's and test as required.
4. Pressure test casing to 500 psi. Well held 540 psi for 30 minutes (MIT test) on January 17, 2011. If pressure does not hold, discuss with Remedial Engineer before continuing.
5. MI & RU Baker Atlas electric line unit. Install lubricator and test to 2000 psi. GIH with 3 3/8" RHSC Gunslinger casing gun (0.42" EH & 47" penetration). Perforate the following intervals with 4 JSPF at 120 degree phasing, using 25 gram premium charges:
 - 6738'-6742'
 - 6744'-6750'
 - 6782'-6786'
 - 6788'-6799'
 - 6802'-6804'

POH. TIH w/ dump bailer with cement. Dump 35' of cement on CIBP at 7200'. POOH w/ wireline. RD and release electric line unit. **Note: Use CCL with Wedge Dia-Log, Inc. CBL dated June 5, 1997 for depth correlation.**

6. PU and RIH with 2 7/8" EUE 8R 6.5# L-80 workstring and treating pkr with 60' of tail pipe, hydrotesting to 6000 psi while RIH. Spot 100 gals 15% NEFE antisludge HCL acid over interval 6738'-6804'. PU and set pkr at 6550'. Load and test BS to 500 psi.
7. MI & RU Petroplex acid services. Pump into interval 6738'-6804'. **Note: Pickle tubing in 1 run of 250 gals acid prior to acidizing perms. Pickle acid is to contain only 1/2 gal I-8 and 1 gal EP-3.** Pump 6000 gals 20% NEFE antisludge HCL acid at a rate of 6 BPM and max treating pressure of 6000 psi dropping a total of 180, 1.3 SG bio-balls. Drop slugs of 30 balls with every 1000 gals of acid. Displace with 8.6 PPG cut brine water. Do not overdisplace. Record ISIP, 5, 10, and 15-minute SIPs. Acid to contain:
 - 2 GPT I-8 Corrosion Inhibitor
 - 10 GPT FEplex Iron Control Agent
 - 20 GPT Petrosol Mutual Solvent
 - 2 GPT EP-3 Non-emulsifier
- RD and release Petroplex. Shut in for 1 hour for acid to spend. GIH and swab back treated interval. Recover 100% of treatment and load volumes before shutting well in for night. Report recovered fluid volumes, pressures, and swabbing fluid levels to Production Engineer (Alex Moore) and Remedial Engineer.
8. Bleed pressure from well, if any. Release pkr. POH and LD 2 7/8" workstring with treating pkr. PU and GIH with 2 7/8" EUE yellow band production tubing string as per ALCR recommendation. ND BOP's and NU wellhead. GIH with rods, weight bars, and pump per ALCR recommendation. RDMO workover unit.
9. Turn well over to production. Notify field specialist when complete. Kelly Devilbiss 575-631-9138 or Bryan Duncan 575-631-9096.

Monument 12 State #8

Location:

419' FSL, 1801' FWL, Sec 12, T-19S, R-36E
 Unit Letter: N
 Field: Monument Drinkard, Northeast
 County: Lea
 State: NM
 Area: Hobbs

Well Info:

Spud Date: 5/5/97
 Comp. Date: 6/12/97
 API: 30-025-33920
 ChevNO: BL9195
 Status: Drinkard
 Lease: State

Proposed Wellbore Diagram

Elevations

DF:	3740
KB:	3741
GL:	3728

Tbg Detail:

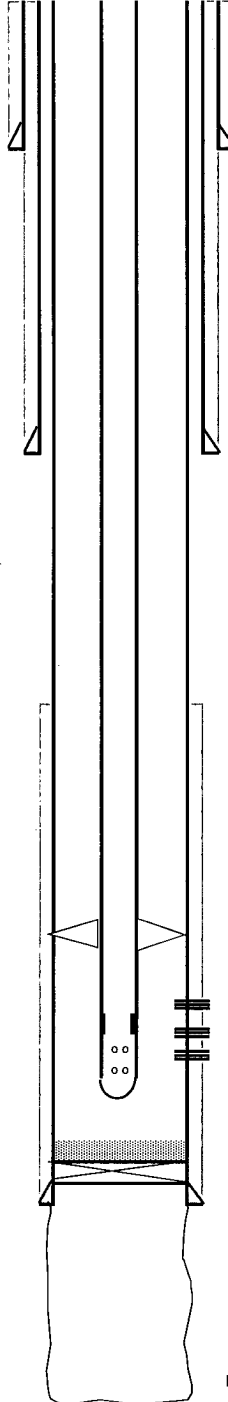
2 7/8" 6.5# EUE 8R yellowband tbg
 TAC
 2 7/8" IPC jt
 2 7/8" 6.5# EUE 8R yellowband tbg
 SN & Perf Sub BPMA

EOT @ approx. 6840'
(TBD by ALCR)

Rod Detail:

Norris D-90 Rods 7/8" & 1"
 Sinker bars
 Pmp depth at ~6800'

**Depths and rods to be
determined by ALCR**



Surface Casing

Size: 13 3/8"
 Set: @ 406'
 With: 440sx
 Hole Size: 17 1/2"
 Circ: yes
 TOC @ surface
 Wt: 48#

Intermediate Casing

Size: 8 5/8"
 Set: @ 2760'
 With: 800sx
 Hole Size: 11
 Circ: yes
 TOC @ Surface
 Wt: 24# K55

Production Casing

Size: 5 1/2"
 Set @: 7250'
 With: 625sx
 Hole Size: 7 7/8
 TOC: 4210'
 Wt: 15.5#
 Grade: K-55

Perfs

Perfs	Status
6738'-6742'	Open - Drinkard
6744'-6750'	Open - Drinkard
6782'-6786'	Open - Drinkard
6788'-6799'	Open - Drinkard
6802'-6804'	Open - Drinkard

35' cmt on top of CIBP
 CIBP @ 7200'

7 7/8" OPEN HOLE F/ 7250'---7516'

Updated: 28-Mar-11
 By: Alex Moore

PBTD: 7165'
 TD: 7516'

Monument 12 State #8

Location:

419' FSL, 1801' FWL, Sec 12, T-19S, R-36E
Unit Letter: N
Field: Monument Abo, North
County: Lea
State: NM
Area: Hobbs

Well Info:

Spud Date: 5/5/97
Comp. Date: 6/12/97
API: 30-025-33920
ChevNO: BL9195
Status: TA
Lease: State

Current Wellbore Diagram

Elevations

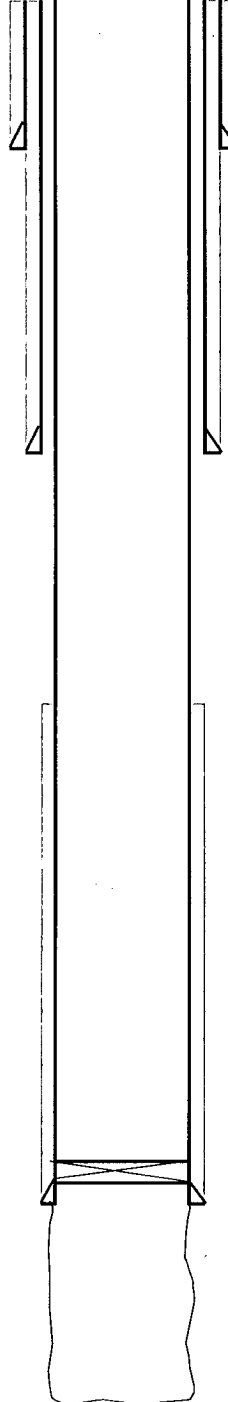
DF: 3740
KB: 3741
GL: 3728

Tbg Detail:

TA'd Wellbore - No Tbg in Hole

Rod Detail:

TA'd Wellbore - No Rods in Hole



Surface Casing

Size: 13 3/8"
Set: @ 406'
With: 440sx
Hole Size: 17 1/2"
Circ: yes
TOC @ surface
Wt: 48#

Intermediate Casing

Size: 8 5/8"
Set: @ 2760'
With: 800sx
Hole Size: 11
Circ: yes
TOC @ Surface
Wt: 24# K55

Production Casing

Size: 5 1/2"
Set @: 7250'
With: 625sx
Hole Size: 7 7/8
TOC: 4210'
Wt.: 15.5#
Grade: K-55

PBTD: 7200' CIBP NO CMT TA WELL

7 7/8" OPEN HOLE F/ 7250'---7516'

TD: 7516'

Updated: 28-Mar-11
By: Alex Moore