

DISTRICT I

P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II

P.O. Box Drawer DD, Artesia, NM 88211-0719

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

P.O. Box 2088, Santa Fe, NM 87504-2088

State of New Mexico

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

Form C-101

Revised February 10, 1999

Instructions on back

Submit to Appropriate District Office

State Lease - 6 Copy

Fee Lease - 5 Copy

☐ AMENDED REPORT

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

¹ Operator Name and Address CHEVRON USA INC 15 SMITH RD, MIDLAND, TX 79705		² OGRID Number 4323
⁴ Property Code 2565		³ API Number 30-025-34021
⁵ Property Name THEODORE ANDERSON		⁶ Well No. 12

⁷ Surface Location

UI 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

UI or lot no.	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County
⁹ Proposed Pool 1 WEIR; DRINKARD					¹⁰ Proposed Pool 2				

¹¹ Work Type Code P	¹² WellType Code O	¹³ Rotary or C.T. ROTARY	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3533'
¹⁶ Multiple No	¹⁷ Proposed Depth 7320'	¹⁸ Formation DRINKARD	¹⁹ Contractor	²⁰ Spud Date

²¹ Proposed Casing and Cement Program

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
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.

CHEVRO U.S.A. INC. INTENDS TO RECOMPLETE THE SUBJECT WELL FROM THE MONUMENT ABO SE POOL TO THE WEIR; DRINKARD RESERVOIR.

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

THE INTENDED PROCEDURE, CURRENT AND PROPOSED WELLBORE DIAGRAMS, AND TUBING LANDING DETAILS ARE ATTACHED FOR YOUR APPROVAL.

Permit Expires 1 Year From Approval
Date Unless Drilling Underway
Plugback

²³ I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and 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

Date 10/25/2006

Telephone 432-687-7375

OIL CONSERVATION DIVISION

Approved By: *Chris Williams*

Title:

OC DISTRICT SUPERVISOR/GENERAL MANAGER

Approval Date NOV 02 2006

Expiration Date:

Conditions of Approval:

Attached ☐

Theodore Anderson #12
Weir Drinkard
Section 8, T20S, R37E
Lea County, NM
30-025-34021

10-18-2006

Drinkard Completion Procedure (use 8.6# BW for all fluids put on well):

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 10/19/2006. 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 w/ fresh water. Have Field Specialist close valve at header. Pressure test line according to type. All polypipe (SDR7 and SDR11) will be tested to 100 psi. All steel lines will be tested to 500 psi. If a leak is found, contact Donnie Ives for repair/replacement. If tests good, bleed off pressure and open valve at header. Document this process in the morning report.
3. MIRU Key PU & RU. Bleed pressure from well & kill down casing with 8.6# BW. LD rods and pump (see Tbg Detail). NDWH NUBOP. Test BOP to 1,000 psi when possible. Release TAC and LD 2-7/8" Tbg (see Tbg Detail). Send tbg & rods in for inspection.
4. PU and GIH w/ 4-3/4" MT bit on new 2-7/8" production tubing to 6990'. POOH & LD bit.
5. MIRU WL and RIH w/ CIBP. Set @ 6975'.
6. RIH w/ 3-1/8" slick guns loaded w/ 23 gram charges 4 JSPF w/ 120° phasing tied back to Computalog Acoustic Cement Bond Log dated 9/30/1997 as follows:

Top Perf	Bottom Perf	Net Feet	Total Holes
6726	6736	10	40
6740	6750	10	40

7. RIH and dump 20' cement on CIBP @ 6975' (TOC @ 6955'). POOH and RD WL.
8. RIH w/ 5-1/2" PPI packer w/ spot control valve and 12' element spacing. Test production tubing to 5,000 psi while RIH. Set tools and test in blank pipe. Mark settings.

9. MIRU DS acid truck. Pump 800 gals 15% NEFE anti-sludge HCl acid at a max rate of 1/2 BPM and max treating pressure of 4,500 psi as follows:

Perfs	Acid Volume	Max Rate	PPI Setting
6726-6736	400 gals	1/2 bpm	6725-6737
6740-6750	400 gals	1/2 bpm	6739-6751

Displace with 8.6# BW – do not overdisplace. Record ISIP, 5, 10, & 15 minute SIP's.

Note: Pickle tubing before acid job if rep determines necessary.

10. PU above top perf and fish valve rod. RU swab and swab Drinkard zones together. Report recovered fluid volumes, pressures, fluid levels, and presence of gas. RD swab.

Swab results will be evaluated at this point the decision will be made to add more perfs, frac, or put on production.

11. RIH w/ 2-7/8" production tubing and hang off as per ALS recommendation. NDBOP NUWH. RIH w/ rods and pump as per ALS.

12. Turn well over to production.

Engineer – Keith Lopez

432-687-7120 Office

432-631-3281 Cell

432-661-6156 Home

WELL NAME: THEODORE ANDERSON # 12

FORMATION: SE MONUMENT ABO

LOCATION: 634' FSL & 631' FEL
TOWNSHIP: 20S
RANGE: 37ESEC: 8
COUNTY: LEA
STATE: NMAPI: 30-025-34021
CHEVNO: BN7586
L5/L6: UCKX40100

GE: 3533' KDB to GE: 13' DF to GE: 12'

Spud Date: 9/6/1997

Completion Date: 10/15/1997

Initial Formation: SE MONUMENT ABO

Interval Completed: From: 7000' To: 7320'

OPEN HOLE

Initial Production: BOPD: 41
MCFPD: 3298
BWPD: 0

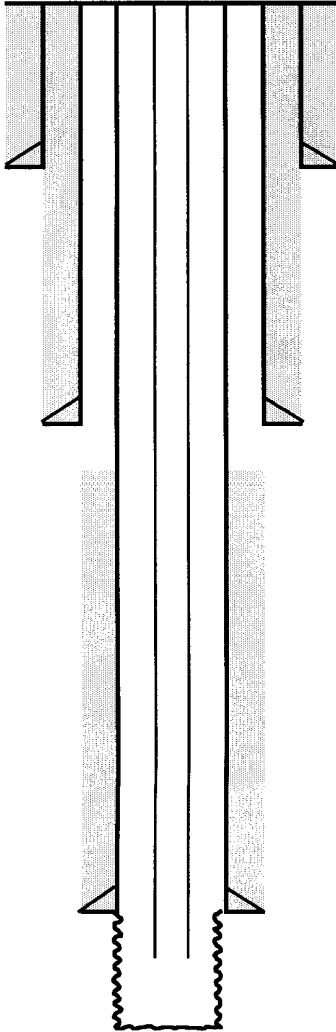
Completion Data:

MIRU Rev unit. Drill out, circ hole clean. Ran CBL, from PBTD @ 6990' to 3000', TOC 5008'. Perf sqz. holes @ 4800', TOH w/tbg & PKR. TIH w/ 5-1/2" CIGR to 4702'. Pumped through CIGR, set IC, Sqz. Perfs w/660 sx cmt. Had fluid & gas rtns. thru 8-5/8"x5-1/2". D/O CIGR @ 4700'-4854'. Circ. clean tbg. Ran CBL 5100' - to surf. Perf 5-1/2" csg w/4 sqz holes @ 1690'. TIH w/ 5-1/2" CIGR to 1612'. Pump 300 sx cmt. Circ to surface. D/O CIGR 1614'-1715', circ. clean. Perf 5-1/2" csg w/4 sqz holes, unable to break thru perfs. D/O cmt 6990'-7009'. Void hole 7009' - 7114'. Cleaned out sand 7114'-7330' (TD), circ hole clean. Ran Logs. from Loggers TD to 6998'. Set LOK-SET Pkr @ 6946'. ND BOP, NUWH. Turn well over to Production - 10-15-97

Subsequent Workovers/Reconditionings/Repairs:

June 1, 1999; Install pumping equipment
Am unit from Murchinson 2 State 1. Felix T.

Current



Hole 14-3/4"
OD 11-3/4"
WT. 42#
Gr. H-40 STC
@ 300'
w/ 300 sx cmt.
TOC SURFACE

Hole 11"
OD 8-5/8"
WT. 24#
Gr. K-55 STC
@ 2470'
w/ 610 sx cmt.
TOC SURFACE

Hole 7-7/8"
OD 5-1/2"
WT. 15.5#
Gr. K-55
@ 7000'
w/ 410 sx cmt.
TOC 3223'

TD = 7320'

Additional Remarks or Information:

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 update date well file in the Eunice Field Office. Discuss w/ WEO Engineer, WD Rep. OS, ALS & FS prior to rigging up on well regarding any hazards or unknown issues pertaining to the well.

WELL NAME: THEODORE ANDERSON # 12

FORMATION: Weir Drinkard

LOCATION: 634' FSL & 631' FEL
TOWNSHIP: 20S
RANGE: 37ESEC: 8
COUNTY: LEA
STATE: NMAPI: 30-025-34021
CHEVNO: BN7586
LS/L6: UCKX40100

GE: 3533' KDB to GE: 13' DF to GE: 12'

Spud Date: 9/6/1997

Completion Date: 10/15/1997

Initial Formation: SE MONUMENT ABO

Interval Completed: From: 7000' To: 7320'

Initial Production: BOPD: 41
MCFPD: 3298
BWPD: 0

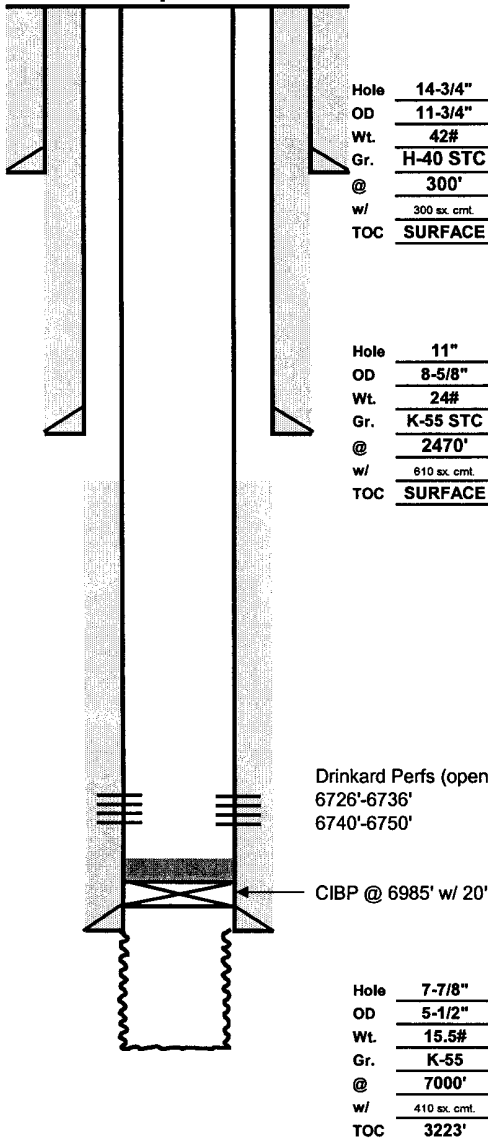
Completion Data:

MIRU Rev unit. Drill out, circ hole clean. Ran CBL, from PBDT @ 6990' to 3000', TOC 5008'. Perf sqz. holes @ 4800', TOH w/tbg & PKR. TIH w/ 5-1/2" CICR to 4702'. Pumped through CICR, set IC, Sqz. Perfs w/660 sx cmt. Had fluid & gas rtns. thru 8-5/8"x5-1/2". D/O CICR @ 4700'-4854'. Circ, clean tbg. Ran CBL 5100' - to surf. Perf 5-1/2" csg w/4 sqz holes @ 1690'. TIH w/ 5-1/2" CICR to 1612'. Pump 300 sx cmt. Circ to surface. D/O CICR 1614'-1715', circ. clean. Perf 5-1/2" csg w/4 sqz holes, unable to break thru perfs. D/O cmt 6990'-7009'. Void hole 7009' -7114'. Cleaned out sand 7114'-7330' (TD), circ hole clean. Ran Logs. from Loggers TD to 6998'. Set LOK-SET Pkr @ 6946', ND BOP, NUWH. Turn well over to Production - 10-15-97

Subsequent Workovers/Reconditionings/Repairs:

June 1, 1999; Install pumping equipment
Am unit from Murchinson 2 State 1. Felix T.

Proposed



Drinkard Perfs (open)
6726'-6736'
6740'-6750'

CIBP @ 6985' w/ 20' cmt

Hole 7-7/8"
OD 5-1/2"
Wt. 15.5#
Gr. K-55
@ 7000'
w/ 410 sx cmt.
TOC 3223'

TD = 7320'

Additional Remarks or Information:

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 update date well file in the Eunice Field Office. Discuss w/ MDO Engineer, WDO Rep OS, ALS & PS prior to rigging up on well regarding any hazards or unknown issues pertaining to the well.

Tubing Landing Details

Tubing Detail							Physical Inventory								
Jts.	Description	Ref. #	O.D.	I.D.	Length	Depth	Ref. #	To Location	Cond.	Rec. Doc.	Installed in Well	Cond.	Balance	Cond.	ELP - 400
	Original KB to Tubing Head Flange				13.00	0.00		1 JT 850 TK99 IPC 27/8 TBG.	B	WILSON	1	B	1JT	E	PEU10009FT
223	JTS 6.5# J-55 EUE-8-RD TBG		2.875	2.445	6910.50	13.00									
1	2 7/8" x 5 1/2" TAC SET W/20 PTS 28" STRECTH		4.500	2.445	2.75	6923.50									
7	JTS 6.5# J-55 EUE-8-RD TBG		2.875	2.445	216.72	6926.25									
1	IPC JT 6.5# J-55 EUE-8-RD TBG		2.875	2.445	30.77	7142.97									
1	2 7/8" SN NEW 12/23/02 TURN AROUND 5/30/03		2.875	2.225	1.10	7173.74									
1	PERF SUB 6.5# J-55 EUE-8-RD		2.875	2.445	4.18	7174.84									
1	MAJIT W/BPOB 6.5# J-55 EUE-8-RD TBG		2.875	2.445	32.19	7179.02									
						7211.21									
	** TBG TESTED 5K NO HOLE, SN PITS/RING SEAT 5/03 FT *****														
	** TBG TESTED 5K NO HOLE, 12/02 FT *****														
	** TBG TESTED 5K, HOLE PUMP JT DUE TO PUMP														
	GUIDE RING, CORRECTED PROBLEM W/NEW GUIDE														
	2/1/01 FT ***														
	OPEN HOLE 7 7/8"														
	TD @ 7320'														
	5 1/2" 15.5# CSG SET @ 7000' W/410SX CMT. TOC@3223'														
Rod Detail							CASING/LINER CEMENT DETAILS:								
1-	1 1/2" x 26' POLISH ROD END SPRAY 7/8" PINS				26.00	26.00		CEMENT CO.:			CMT PMP RATES:		EST. TOC:		
1	7/8" X 4' PONY N-97 FHSM				4.00	30.00		RETURNS ON JOB?			HOLE SIZE:		CSG RECIPROCATED:		
117	7/8" X 25' RODS N-97 FHSM				2925.00	2955.00		SPACER TYPE & VOL.			PLUG BUMPED?				
143	3/4" X 25' RODS N-97 FHSM				3575.00	6530.00		CASING SET @ TVD:			SPACER TYPE & VOL:				
24	1 1/2" X 25' FLEX-BARS W/8 CENTERLIZED GUIDES				620.00	7150.00		CEMENT	SACKS	TYPE	ADDITIVES	YIELD	PMP TIME	COMP STR @ 12	WL WT PPG
1	25-125-RHBC-20-4 JGEN-538 -6 FIT 5/30/03 FT				20.00	7170.00		LEAD:							
	1 1/4" X 10' GAS ANCHOR							TAIL:							
								REMARKS:							
	14" OFF BTM PUMP														
Details: BOP 6"-900					String: SINGLE PROD.			AFE: UCKX40100					Page: 1		
Rep: FELIX TREVINO			Field: S E MONUMENT ABO			Lease: THEODORE ANDERSON			Well #: 12		Date: 5/30/2003				

P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II

P.O. Box Drawer DD, Artesia, NM 88211-0719

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

P.O. Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

Form C-102

Revised February 10, 1999

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copie

Fee Lease - 3 Copie

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-34021	² Pool Code 63840	³ Pool Name WEIR; DRINKARD
⁴ Property Code	⁵ Property Name THEODORE ANDERSON	⁶ Well No. 12
⁷ OGRID Number 4323	⁸ Operator Name CHEVRON USA INC	⁹ Elevation 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 Acre 40	¹³ Joint or Infill No	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

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

17 OPERATOR CERTIFICATION

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

Signature

Printed Name

Denise Pinkerton

Positio

Regulatory Specialist

Date

10/25/2006

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 knowledge and belief.

Date Surveyed

Signature & Seal of
Professional Surveyor

Certificate No.