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 10,199
Instructions on bac
Submit to Appropriate District Offic
State Lease - 6 Copie
Fee Lease - 5 Copie
☐ AMENDED REPORT

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

1 Operator Name and Address	2 OGRID Number
CHEVRON USA INC 15 SMITH RD, MIDLAND, TX 79705	4323
	3 API Number 30-025-29493

4 Property Code	5 Property Name	6 Well No.
~~10974~~ 29957	L.R. KERSHAW	12

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
C	13	20-S	37-E		660	NORTH	1650	WEST	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

9 Proposed Pool 1	10 Proposed Pool 2
MONUMENT TUBB	

11 Work Type Code	12 WellType Code	13 Rotary or C.T.	14 Lease Type Code	15 Ground Level Elevation
P	O	R	P	3357' GL
16 Multiple	**17 Proposed Depth**	**18 Formation**	**19 Contractor**	**20 Spud Date**
No	7670'	TUBB		

Received
JUL 2006
Hobbs OCD

21 Proposed Casing and Cement Program

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
15"	11.75"	42#	1410'	1400 SX CIRC	
11"	8 5/8"	24 & 28#	4015'	1200 SX CIRC	
7 7/8"	5 1/2"	15.5 & 17#	7670'	1550 SX CIRC	

22 Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zoneand 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 BLINEBRY EAST RESERVOIR TO THE MONUMENT TUBB POOL.

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

THE INTENDED PROCEDURE AND THE 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 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 7/6/2006 Telephone 432-687-7375

OIL CONSERVATION DIVISION

Approved By:

Title: PETROLEUM ENGINEER

Approval Date: Expiration Date:

Conditions of Approval:
Attached ☐

JUL 18 2006

DeSoto/Nichols 3-94 ver 1.10

LR Kershaw #12 **7-3-2006**
Monument Tubb Field
Section 13, T20S, R37E, Unit C
Lea County, NM
30-025-29493

Tubb Completion Procedure (use 2% KCl FW for all fluids put on well):

1. 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.

2. MIRU Key PU & RU. Bleed pressure from well & kill down casing with 2% KCl water. NDWH. POOH w/ rods & pump (see Tbg Detail). NUBOP. Test BOP to 1,000 psi when possible. Release TAC and POOH w/ 2-3/8" Tbg. Send tbg & rods in for inspection.

3. PU and GIH w/ 4-3/4" MT bit on 2-7/8" WS to 6640'. POOH & LD bit.

4. MIRU WL and RIH w/ CIBP. Set @ 6630' & spot 25' cmt on top.

5. RIH w/ GR & 3-1/8" slick guns loaded w/ 23 gram charges 2 JSPF w/ 120° phasing tied back to Schlumberger's Compensated Neutron Log dated 2/9/1986 as follows:

Top Perf	Bottom Perf	Net Feet	Total Holes
6348	6382	34	68
6400	6428	28	56
6438	6457	19	38
6478	6500	22	44
6510	6535	25	50
6560	6567	7	14

6. RIH w/ 5-1/2" treating pkr on 2-7/8" WS to 5650' testing tubing to 4500 psi. Set pkr and test backside to 500 psi. Release pkr and RIH to 6250'. Set pkr.

7. MIRU DS acid truck. Pump 4,000 gals 15% NEFE anti-sludge HCl acid at a max rate of 6 BPM and max treating pressure of 4,500 psi dropping 350 1.3 SG 7/8" ball sealers evenly spaced throughout job. Displace with 2% KCl water – do not overdisplace. Record ISIP, 5, 10, & 15 minute SIP's.

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

8. Release pkr and RIH to 6560' to knock balls off perfs. PU to 5650' and set pkr. Test backside to 500 psi. RIH to 6250' and reset pkr. RU swab and swab at least 1 hr.

Report recovered fluid volumes, pressures, and fluid levels. MIRU WL. Install lubricator and test to 2000 psi. RIH with BHP bomb with 3000 psi element and 72 hour clock and hang off in pkr. **Bomb should be in place for a minimum of 24 hrs.**

9. POOH w/ pressure bomb and WL. RD WL. Release pkr and POOH.

10. RIH w/ 5-1/2" pkr, 18 jnts of 3-1/2" frac string, and second 5-1/2" pkr on 3-1/2" frac string testing to 8,500 psi (straddle over Blinebry zone). Set bottom Pkr @ 6250'.

11. MIRU DS. Frac well down 3-1/2" tubing at 30 BPM w/ 73,000 gals of 50 Quality WF150 Foam, and 193,250 lbs. 20/40 mesh Jordan. PropNet will be pumped with the last 33,000 lbs 20/40. Max treating pressure 8500 psi. Pump job as follows:

    Pump 7,000 gal 50 Quality WF150 pad
    Pump 1,000 gal 50 Quality WF150 pad containing .5 PPG 20/40 mesh Jordan
    Pump 5,000 gal 50 Quality WF150 pad
    Pump 1,500 gal 50 Quality WF150 pad containing 1 PPG 20/40 mesh Jordan
    Pump 5,000 gal 50 Quality WF150 pad
    Pump 1,500 gal 50 Quality WF150 pad containing 1.5 PPG 20/40 mesh Jordan
    Pump 7,000 gal 50 Quality WF150 pad

    Pump 3,000 gal 50 Quality WF150 containing 1 PPG 20/40 mesh Jordan
    Pump 5,000 gal 50 Quality WF150 containing 2 PPG 20/40 mesh Jordan
    Pump 8,000 gal 50 Quality WF150 containing 3 PPG 20/40 mesh Jordan
    Pump 8,000 gal 50 Quality WF150 containing 4 PPG 20/40 mesh Jordan
    Pump 9,000 gal 50 Quality WF150 containing 5 PPG 20/40 mesh Jordan
    Pump 9,000 gal 50 Quality WF150 containing 6 PPG 20/40 mesh Jordan (start pumping PropNet w/ 2,000 gals left in stage)
    Pump 3,000 gal 50 Quality WF150 containing 7 PPG 20/40 mesh Jordan w/ Prop Net

    Flush to 6348'. **Do not overflush.** SI well and record ISIP, 5, 10, and 15 minute SIP. RD DS. Well should be ready to flowback overnight if possible.

12. Open well and flowback or swab in as necessary until well cleans up and a stabilized flow rate is obtained. Report recovered fluid volumes, pressures, and fluid levels.

13. MIRU WL. RIH & tag for fill. RD WL.

14. Release Pkrs and POOH. RIH w/ production pkr on 2-3/8" tbg. Set packer @ 6300. NDBOP NUWH.

15. Turn well over to production.

Engineer – Keith Lopez

Well: **Kershaw #12**

Field: Weir Blinebry East **Reservoir:** **Blinebry**

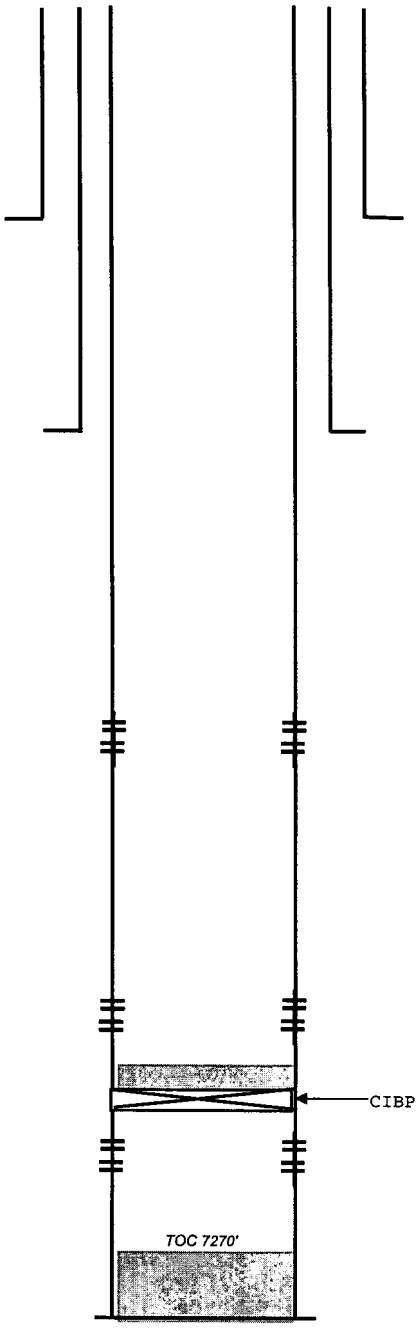
Location: 660' FNL & 1650' FWL

Unit:	C
Section:	13
Township:	20S
Range:	37E
County:	LEA, NM.

Elevations:

GL:	3557'
DF:	
KB:	3573.5'

Current
Wellbore Diagram



Well ID Info:

Refno:	IE4022
API No:	3002529493
L5/L6:	PJ31000
Spud Date	1/20/1986
ComplDate:	

Surf. Csg:

Size	11-3/4"
Weight	42# H-40
Set: @	1410'
With:	1400 sx
Hole Size:	15"
Circ:	yes
TOC @	

Int. Csg:

Size	8 5/8
Weight	24# & 28# K-55 & S-80
Set: @	4015'
With:	1200 sx
Hole Size:	11"
Circ:	Yes
TOC @	

Perfs: **Status**
Blinebry 5766' - 6022' opened

Perfs: **Status**
Drinkard 6677' - 6896' Closed

Perfs: **Status**
Abo 7079' - 7087' Closed

Prod. Csg:

Size	5-1/2"
Weight	15.5# & 17# J-55
Set @	7670'
With:	1550 sx
Hole Size:	7-7/8"
Circ:	yes
TOC @	

Updated: 3-Jul-06
By: LOPK

PBTD: 6,562 '
TD: 7,670 '

Well: **Kershaw #12**

Field: Monument Tubb **Reservoir:** **Tubb**

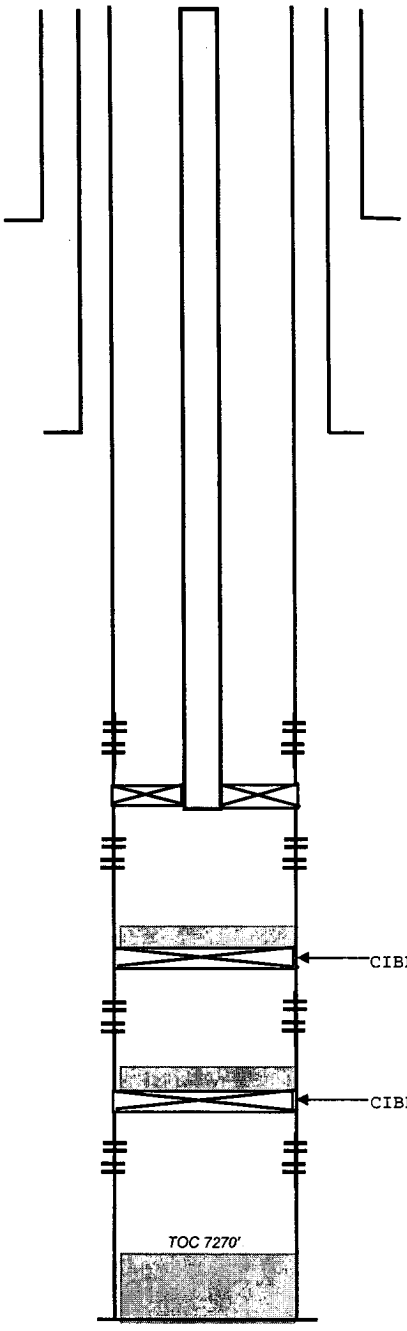
Location: 660' FNL & 1650' FWL

Unit:	C
Section:	13
Township:	20S
Range:	37E
County:	LEA, NM.

Elevations:

GL:	3557'
DF:	
KB:	3573.5'

Proposed
Wellbore Diagram



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Int. Csg:

Size	8 5/8
Weight	24# & 28# K-55 & S-80
Set: @	4015'
With:	1200 sx
Hole Size:	11"
Circ:	Yes
TOC @	

Perfs:	**Status**
Blinebry	5766' - 6022' opened
Perfs:	**Status**
Tubb	6348' - 6567' opened
Perfs:	**Status**
Drinkard	6677' - 6896' Closed
Perfs:	**Status**
Abo	7079' - 7087' Closed

Prod. Csg:

Size	5-1/2"
Weight	15.5# & 17# J-55
Set @	7670'
With:	1550 sx
Hole Size:	7-7/8"
Circ:	yes
TOC @	

Updated: 3-Jul-06
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PBTD: 6,562 '
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Santa Fe, New Mexico 87504-2088

Form C-102
Revised February 10,199
Instructions on bac
Submit to Appropriate District Offic
State Lease - 4 Copie
Fee Lease - 3 Copie
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number	2 Pool Code	3 Pool Name
30-025-29493	47090	MONUMENT TUBB

4 Property Code	5 Property Name	6 Well No.
10974	L.R. KERSHAW	12

7 OGRID Number	8 Operator Name	9 Elevation
4323	CHEVRON USA INC	3557' GL

10 Surface Location

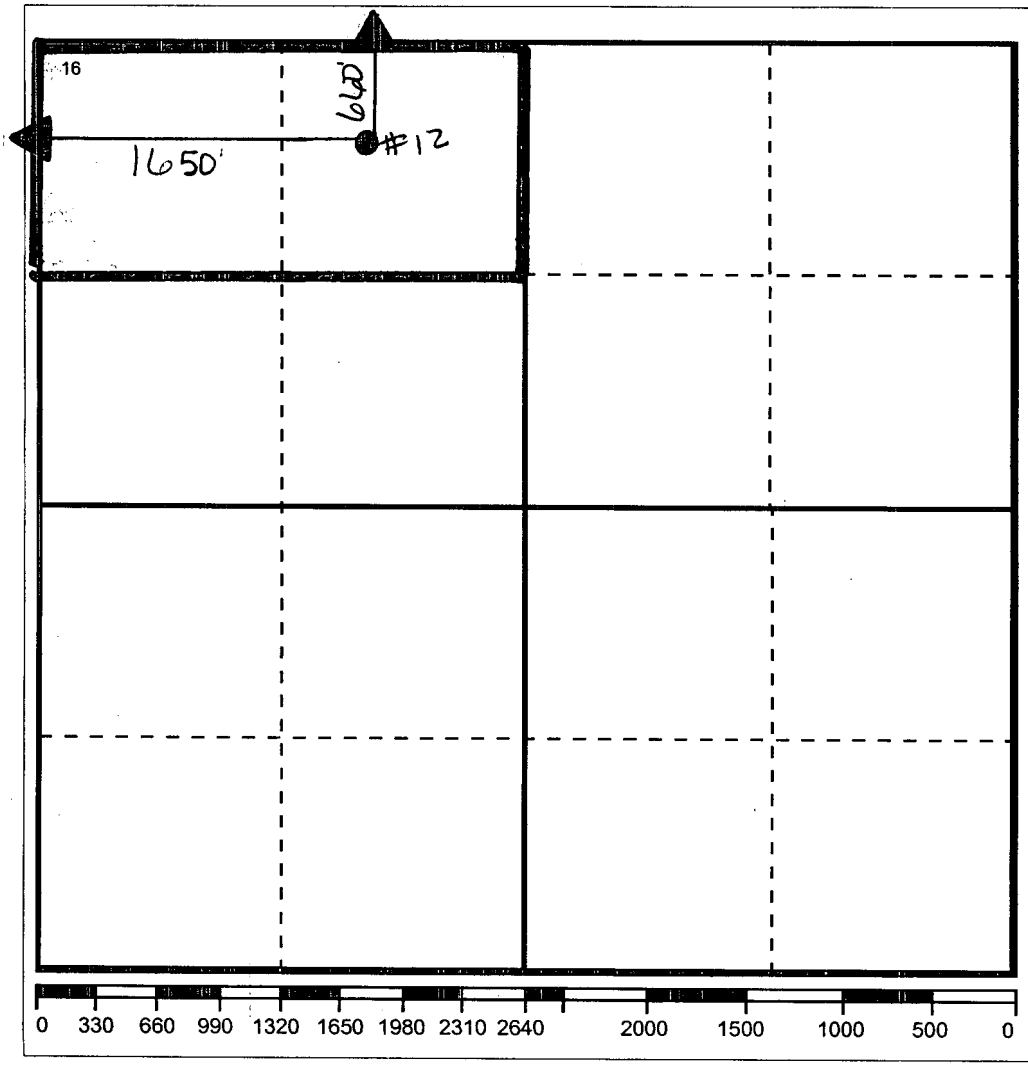
Ul or lot no	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County
C	13	20-S	37-E		660	NORTH	1650	WEST	LEA

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	13 Joint or Infill	14 Consolidation Code	15 Order No.
80	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



17 OPERATOR CERTIFICATION

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

Signature: Denise Pinkerton

Printed Name: Denise Pinkerton

Positio: Regulatory Specialist

Date: 7/6/2006

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.

DeSoto/Nichols 3/94 ver 1.10