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
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☐ 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 30-025-09939

4 Property Code	5 Property Name	6 Well No.
2703	ALICE PADDOCK	2

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
J	1	22-S	37-E		1980'	SOUTH	1980'	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

9 Proposed Pool 1	10 Proposed Pool 2
EUNICE;SAN ANDRES, SOUTH (24170)	

11 Work Type Code	12 WellType Code	13 Rotary or C.T.	14 Lease Type Code	15 Ground Level Elevation
P	O	ROTARY	S	3345'
16 Multiple	**17 Proposed Depth**	**18 Formation**	**19 Contractor**	**20 Spud Date**
No	5700'	SAN ANDRES		

21 Proposed Casing and Cement Program

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
NO CHANGE					

Received
Hobbs
OCD

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 PENROSE SKELLY GRAYBURG TO THE EUNICE; SAN ANDRES, SOUTH FIELD AND POOL. A PIT WILL NOT BE USED FOR THIS PLUGBACK. A STEEL FRAC TANK WILL BE UTILIZED.

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

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 2/6/2007 Telephone 432-687-7375

OIL CONSERVATION DIVISION

Approved By: Chris Williams
Title: OC DISTRICT SUPERVISOR/GENERAL MANAGER
Approval Date: FEB 26 2007 Expiration Date:
Conditions of Approval:
Attached ☐

DeSoto/Nichols 3-94 ver 1.10

Alice Paddock #2 **01/26/2007**
Penrose Skelly
T22S, R37E, Section 1
Job: Perf to San Andres and Acidize

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 1/26/2007. 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 LD 2-7/8" tbg.

4. PU and GIH with 6 1/8" MT bit and **new** 2-7/8" production tubing to 4400'. Reverse circulate well clean from 4400' using 8.6 PPG cut brine water, if possible. POH with tbg string and bit. LD bit.

5. Install lubricator and test to 2000 psi. GIH with **3-3/8" Predator** guns and perforate the following intervals with 4 JSPF at 120 degree phasing using 23 gram premium charges:

Top Perf	Bottom Perf	Net Feet	Total Holes
4330	4336	6	24
4311	4315	4	16
4292	4302	10	40
4276	4286	10	40
4248	4258	10	40
4168	4177	9	36
4148	4154	6	24
4128	4135	7	28
4104	4110	6	24
4081	4091	10	40
4072	4078	6	24
4051	4055	4	16
4040	4048	8	32
4013	4017	4	16

Note: Use Baker Atlas C.P.N.L log dated April 29, 2005 for depth correction.

6. RIH w/ 7" PPI packer w/ SCV and 12' element spacing. Test 2-7/8" WS to 5000 psi while RIH. Test PPI packer in blank pipe. Mark Settings.

7. MI & RU DS Services. Acidize perfs **3742'-4336'** with **4,400 gal** 15% NEFE HCl acid at a maximum rate **of $^1/_2$ BPM** and a maximum surface pressure of **4000 psi** as follows:

Perfs	Acid Volume	Max Rate	PPI Setting
4330-4336	200	1/2 bpm	4327-4339
4311-4315	200	1/2 bpm	4307-4319
4292-4302	200	1/2 bpm	4291-4303
4276-4286	200	1/2 bpm	4275-7287
4248-4258	200	1/2 bpm	4247-4259
4168-4177	200	1/2 bpm	4166-4178
4148-4154	200	1/2 bpm	4145-4157
4128-4135	200	1/2 bpm	4125-4137
4104-4110	200	1/2 bpm	4101-4113
4081-4091	200	1/2 bpm	4080-4092
4072-4078	200	1/2 bpm	4068-4080
4051-4055	200	1/2 bpm	4050-4062
4040-4048	200	1/2 bpm	4038-4050
4013-4017	200	1/2 bpm	4009-4021
3903-3913	200	1/2 bpm	3902-3914
3872-3875	200	1/2 bpm	3868-3880
3863-3866	200	1/2 bpm	3856-3868
3843-3853	200	1/2 bpm	3842-3854
3804-3814	200	1/2 bpm	3803-3815
3790-3792	200	1/2 bpm	3784-3796
3771-3775	200	1/2 bpm	3768-3780
3742-3747	200	1/2 bpm	3738-3750

Displace acid with 8.6 PPG cut brine water -- do not over displace. Use a SCV to control displacement fluid. Record ISIP, 5 & 10 minute SIP's. RD and release DS services. **If communication occurs during treatment of any interval, monitor casing pressure and attempt to complete stage w/o exceeding 500 psi csg pressure. If cannot, then move PPI to next setting depth and combine treatment volumes of the intervals.**

8. SI well for 2 hrs for acid to spend. Release PPI & PU above top perf. Fish SCV & flush ann. cap w/ 8.6# brine. Set pkr. RU swab and swab back load before SION if possible. Record volumes, pressures, & fluid levels. Discuss results with Engineering. If excessive water is produced, selectively swab perf intervals as discussed w/ engineer.

9. POOH w/ PPI and LD. RIH w/ 2-7/8" production tubing and hang off per ALS recommendation. NDBOP NUWH. RIH w/ rods and pump per ALS.

10. RD Key PU & RU. Turn well over to production. Contact Lease Operator and inform them that the well is ready for operation.

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

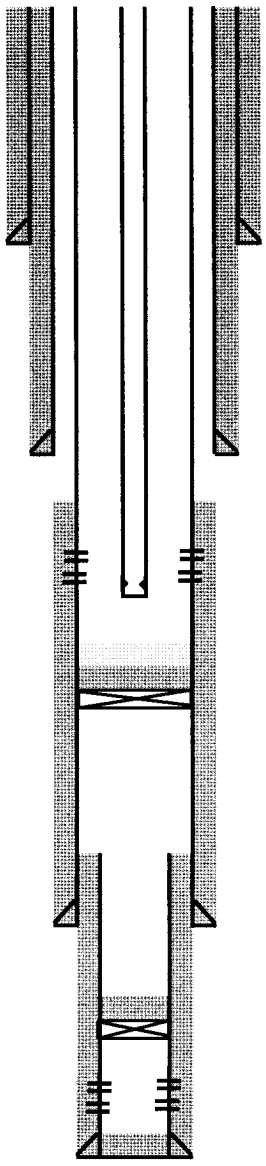
Well: **Alice Paddock #2**

Reservoir: **Grayburg**

Location:
1980 FSL & 1980' FEL
Section: 1
Township: 22S
Range: 37E
County: LEA, NM.

Elevations:
GL: 3345'
DF:
KB:

Current
Wellbore Diagram



Well ID Info:
Refno: FB4760
API No: 30-025-09939
L5/L6: UCU495600
Spud Date:
Compl. Date:

Surf Csg: 13-3/8" 54.5#, K-55
Set: @ 312' w/ 300 sks
Hole Size: 17"
Circ: Yes — **TOC:** Surface
TOC By: Circulation

Interm Csg: 9-5/8" 36#
Set: @ 2966 w/ 1300 sks
Hole Size: 12-1/4"
Circ: Yes — **TOC:** Surface
TOC By: Circulated

TOC @ 3415'

Grayburg 3742'-3913' — **Status** Open

COTD @ 4846' (sand)

CIBP @ 5025' w/ 25' cmt

Prod Csg: 7" 23#, J-55
Set: @ 5157' w/ 400 sks
Hole Size: 8-3/4"
Circ: No — **TOC:** 3415'
TOC By: Temperature Survey

TOC @ Top of Liner

Liner: 4-1/2" O.D. 11.6#, J-55
Set: @ 5700' w/ 75 sks
Hole Size:
Circ: Yes — **TOC:** 5040' (top of liner)
TOC By: Circulated

COTD: 4846'
PBTD: 5000'
TD: 5700'

CIBP @ 5425' w/ 20' cmt on top

Blinebry 5474'-5554' — **Status** Open - Below CIBP
5619'-5653' — Open - Below CIBP

Updated: 1/25/2007 **By:** rjdg

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.

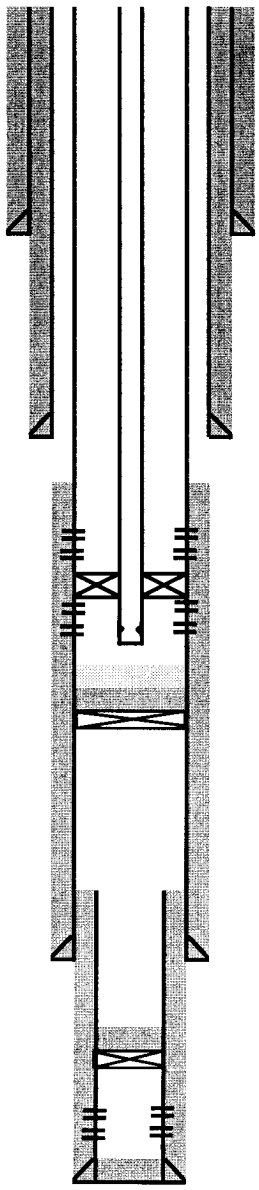
Well: **Alice Paddock #2**

Reservoir: **San Andres**

Location:
1980 FSL & 1980' FEL
Section: 1
Township: 22S
Range: 37E
County: LEA, NM.

Elevations:
GL: 3345'
DF:
KB:

Proposed
Wellbore Diagram



Well ID Info:
Refno: FB4760
API No: 30-025-09939
L5/L6: UCU495600
Spud Date:
Compl. Date:

Surf Csg: 13-3/8" 54.5#, K-55
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Circ: Yes — **TOC:** Surface
TOC By: Circulation

Interm Csg: 9-5/8" 36#
Set: @ 2966 w/ 1300 sks
Hole Size: 12-1/4"
Circ: Yes — **TOC:** Surface
TOC By: Circulated

TOC @ 3415'

Tubing Packer @ 3930'

COTD @ 4846' (sand)

TOC @ Top of Liner

Grayburg	Status
3742'-3913'	Open - Isolated By Packer

San Andres	Status
4013'-4336'	Open

CIBP @ 5025' w/ 25' cmt

Prod Csg: 7" 23#, J-55
Set: @ 5157' w/ 400 sks
Hole Size: 8-3/4"
Circ: No — **TOC:** 3415'
TOC By: Temperature Survey

Liner: 4-1/2" O.D. 11.6#, J-55
Set: @ 5700' w/ 75 sks
Hole Size:
Circ: Yes — **TOC:** 5040' (top of liner)
TOC By: Circulated

CIBP @ 5425' w/ 20' cmt on top

Blinebry	Status
5474'-5554'	Open - Below CIBP
5619'-5653'	Open - Below CIBP

COTD: 4846'
PBTD: 5000'
TD: 5700'

Updated: 1/25/2007 **By:** rjdg

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State of New Mexico
Energy, Minerals and Natural Resources Department

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Form C-102
Revised February 10,199
Instructions on bac
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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
30-025-09939	24170	EUNICE; SAN ANDRES, SOUTH

4 Property Code	5 Property Name	6 Well No.
2703	ALICE PADDOCK	2

7 OGRID Number	8 Operator Name	9 Elevation
4323	CHEVRON USA INC	3345'

10 Surface Location

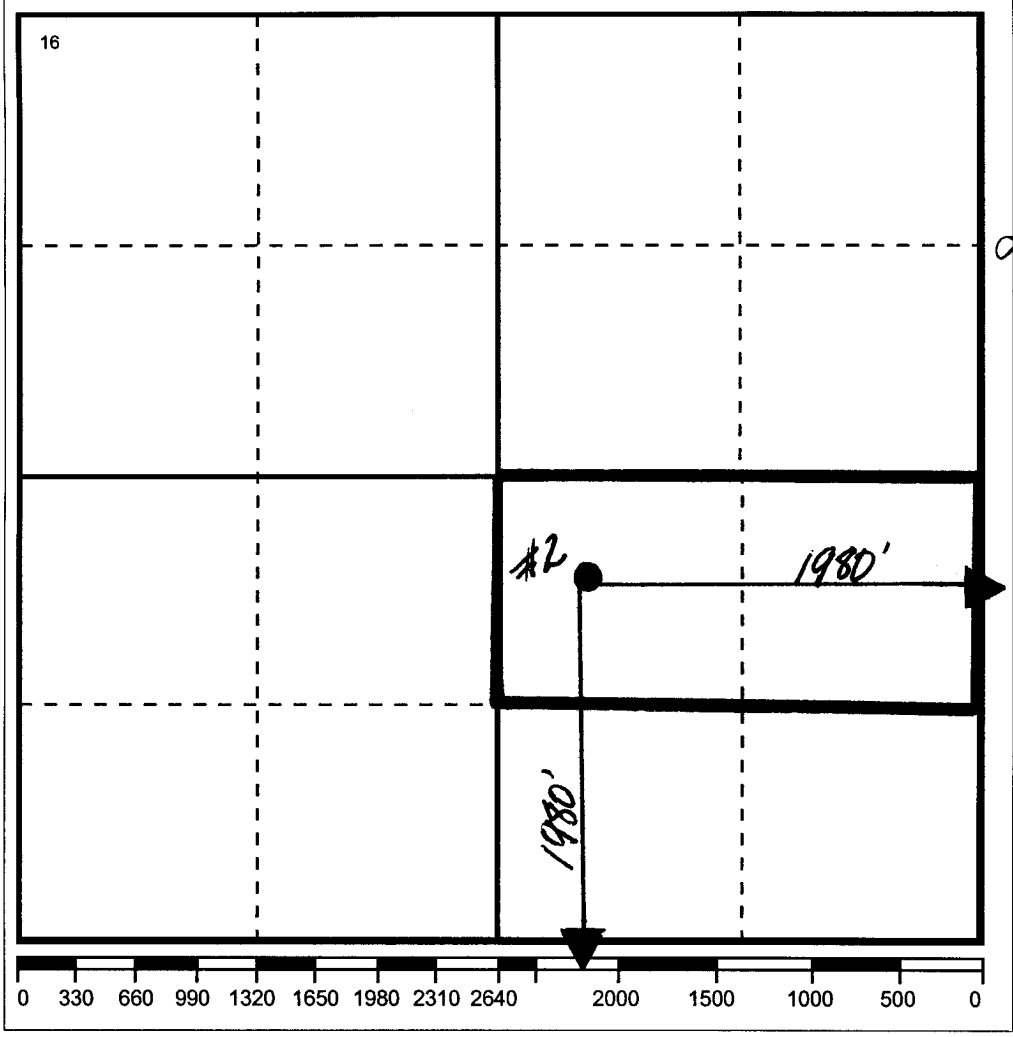
Ul or lot no	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County
J	1	22-S	37-E		1980'	SOUTH	1980'	EAST	LEA

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	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: 2/6/2007

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