

30-015-32413

Geol. Tops per B&M

San Andres ~ 770	3rd BS Sand 6174
Gloriosa 2050	Wolfcamp Shale 6576
	Upper Penn 7431

[Faint handwritten notes, possibly "Wolfcamp"]

Comp. 12-15-03 12-3-02
CZ-DL/CNL/DSL/GR
2975-7935
DLL/MLL/GR2
Luf- 7972

Fax: (505) 748-1283 972 0

To: Mr. Brian Arrant

RE: Conoco State #8, Form C101
Sec. 2-22S-23E
Eddy County, NM

From: Beverly Hoffman
Kerr-McGee Oil & Gas Onshore LLC
Phone: (972) 715-4830
Fax: (972) 715-4951

Mr. Arrant:

In response to your phone call requesting information about the mud program for the 14.75" hole, our drilling engineer, Dusty Kinchen, provided the following information:

The 14-3/4" hole will most likely be drilled with air. Otherwise, the only fluid that would be used is fresh water with gel sweeps. In the event fresh water is used, some lost circulation material would be utilized as loss of returns is almost a certainty. The quantities however would be limited as the benefit is generally limited.

If you have further questions, please let me know.

Dusty Kinchen
Kerr-McGee Oil & Gas Onshore LLC
dkinchen@kmg.com
972-715-4093

Should addition information be required, please advise.

Thank you,


Beverly Hoffman

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. 1st Street, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 874
District IV
2040 South Pacheco, Santa Fe, NM 8

State of New Mexico
Energy, Minerals & Natural Resources

Form C-101
Revised March 17, 1999

Cement to cover all oil, gas and water bearing zones.

RECEIVED
AUG 23 2002
OCD - ARTESIA

Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

AMENDED REPORT

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

¹ Operator Name and Address KERR-McGEE OIL & GAS ONSHORE LLC P.O. Box 809004 DALLAS, TX 75380-9004		² OGRID Number 012558
⁴ Property Code 24515	⁵ Property Name CONOCO STATE	³ API Number 30-015-32413
		⁶ Well No. 8

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
I	2	22 S	23 E		1710'	SOUTH	880'	EAST	EDDY

⁸ Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/Sr
⁹ Proposed Pool 1 INDIAN BASIN (UPPER PENN) ASSOCIATED						

NOTIFY OCD SPUD & TIME TO WITNESS 8 5/8" CASING

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary ROTARY	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3933'
¹⁶ Multiple NO	¹⁷ Proposed Depth 8200'	¹⁸ Formation UPPER PENN	¹⁹ Contractor NOT YET AWARDED	²⁰ Spud Date 09-01-02

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
18 1/2"	16"	84#	+ - 40'	GROUTED IN	SURFACE
14 3/4"	9 5/8"	36#	1300'	960 SXS	SURFACE
8 3/4"	7"	23# & 26#	8200'	545 SXS	* 4600'

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.

BOP & choke manifold will be 3M systems. Accumulator volume will be sufficient to provide an open and closing of preventers with 50% reserve. A drill pipe full opening safety valve will be kept on the rig floor in the open position at all times during drilling operations. An upper and lower kelly cock will be used.
Test Procedure: Ram type preventers will be tested to 70% of casing burst pressure. Annular preventer will be tested to 1500 psi.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Beverly Hoffman*

Printed name: BEVERLY HOFFMAN

Title: PRORATION ANALYST

Date: 08-22-2002

Phone: 972 715-4830

OIL CONSERVATION DIVISION

Approved by: ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR

Title:

Approval Date: AUG 27 2002 Expiration Date: AUG 27 2003

Conditions of Approval:

Attached

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

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 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, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number	Pool Code	Pool Name
Property Code	Property Name CONOCO STATE	Well Number 8
OGRID No.	Operator Name KERR-McGEE OIL & GAS ONSHORE, LLC	Elevation 3933'

Surface Location

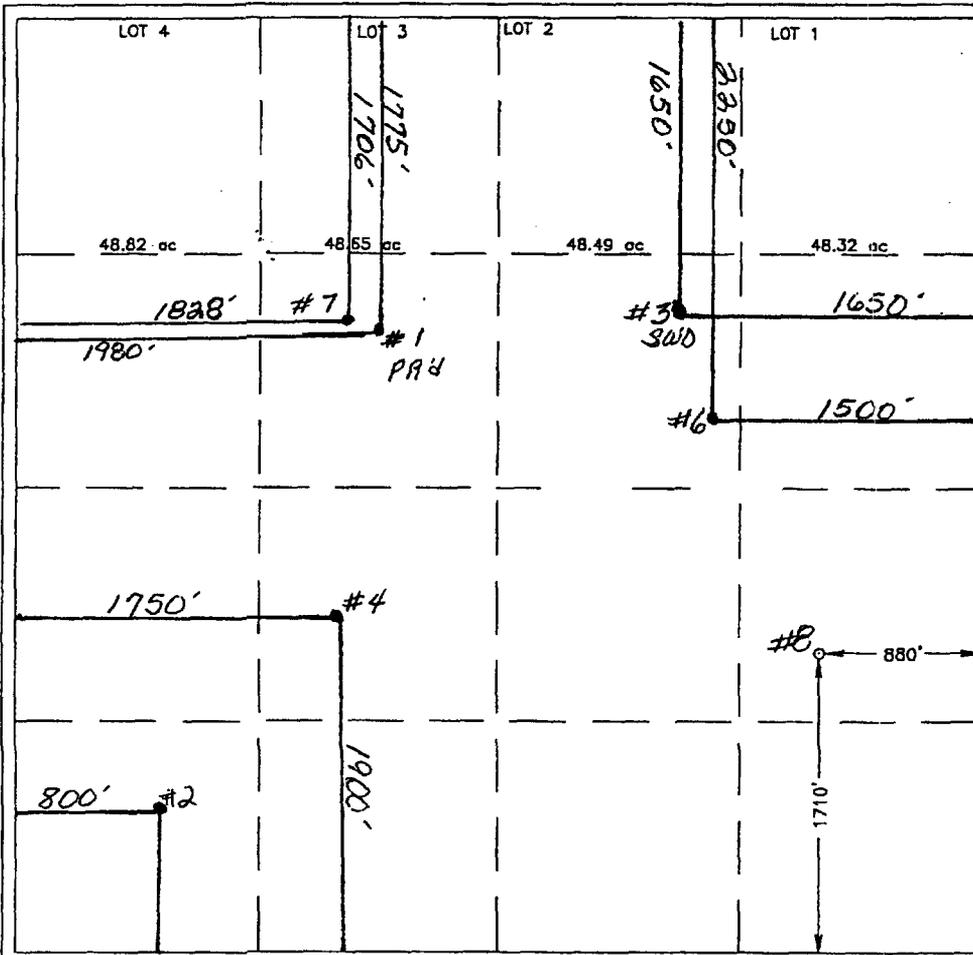
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	2	22-S	23-E		1710	SOUTH	880	EAST	EDDY

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

Dedicated Acres 32c	Joint or Infill	Consolidation Code	Order No.
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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



OPERATOR CERTIFICATION

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

Beverly Hoffman
Signature

Beverly Hoffman
Printed Name

Promotion Analyst
Title

8-21-02
Date

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.

APRIL 26, 2002
Date Surveyed

AWB
Signature & Seal of Professional Surveyor

RONALD E. EDSON
Professional Surveyor

4/29/02
Date

NEW MEXICO
Professional Surveyor Seal

RONALD E. EDSON 3239
Certificate No. PROFESSIONAL SURVEYOR 12641

Fax: (505) 748-1283 972 0

To: Mr. Brian Arrant

RE: Conoco State #8, Form C101
Sec. 2-22S-23E
Eddy County, NM

From: Beverly Hoffman
Kerr-McGee Oil & Gas Onshore LLC
Phone: (972) 715-4830
Fax: (972) 715-4951

Mr. Arrant:

In response to your phone call requesting information about the mud program for the 14.75" hole, our drilling engineer, Dusty Kinchen, provided the following information:

The 14-3/4" hole will most likely be drilled with air. Otherwise, the only fluid that would be used is fresh water with gel sweeps. In the event fresh water is used, some lost circulation material would be utilized as loss of returns is almost a certainty. The quantities however would be limited as the benefit is generally limited.

If you have further questions, please let me know.

Dusty Kinchen
Kerr-McGee Oil & Gas Onshore LLC
dkinchen@kmg.com
972-715-4093

Should addition information be required, please advise.

Thank you,


Beverly Hoffman

Current Completion

KB: 3950.5'
DF: 17.5'
GL: 3933.0'

Conoco State #8

Steve Asbill 11/025/02

1710' FSL & 880' FEL
Sec 2-T22S-R23E
Eddy Co, NM

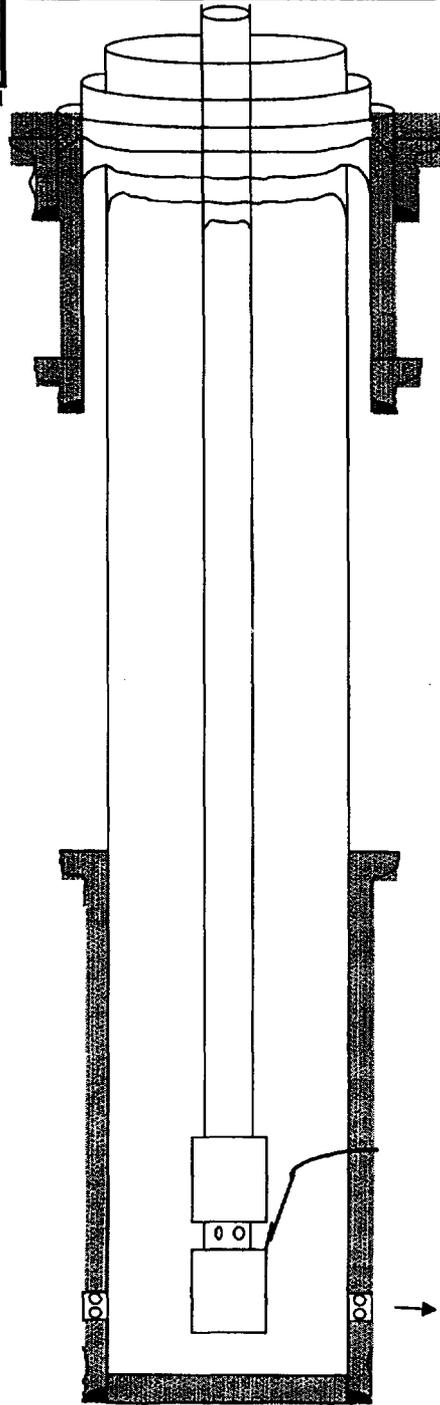
16" Conductor

9-5/8", 36#/ft @ 1347'
TOC @ surface

TOC @ 6500'

7", 26#/ft @ 7975'
L-80 @ 7097-TD, K-55 to surface

PBTD = 7886'



2-7/8", 6.5 #/ft. J-55 thg (7733')

TD 850 @ 7789'

→ Perfs= 7496-7534', 7568-7600'
7626-7646'

TD @ 7975' Logger TD

New Mexico Form C-103 continued

Conoco State #8

1710' from South line and 880' from the East line

Section 2 Township 22S Range 23E, Eddy County, New Mexico

11-07-2002 RU Schlumberger, Ran CCL-CBL-GR. RAN BOND LOG TOC @ APPROX. 6500'.

11-07-2002 PERF UPPER PENN @ 7626-7646, 7568-7600, 7496-7534

11-12-2002 Frac perfs with 3498 bbls fluid (Frac fluid, 20% HCL gelled acid and foamed w/nitrogen 30 Q BH, 20% HCL slick Acid)

11-13-2002 Run in hole w/238 JTS 2-7/8" TBG; tbg seat @ 7733'

11-15-2002 Rig down, realease rig; switched down flowline to Conoco Facility

The maximum possible horizontal displacement of the hole is 303.05'. See the attached Record of Inclination.

Submit 3 Copies To Appropriate District
 Office
 District I
 1625 N. French Dr., Hobbs, NM 87240
 District II
 811 South First, Artesia, NM 87210
 District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV
 2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised March 25, 1999

OIL CONSERVATION DIVISION
 2040 South Pacheco
 Santa Fe, NM 87505

CLSK

WELL API NO. 30-015-32413
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. 012558
7. Lease Name or Unit Agreement Name: CONOCO STATE
8. Well No. 8
9. Pool name or Wildcat INDIAN BASIN (UPPER PLAIN)

SUNDRY NOTICES AND REPORTS ON WELLS
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

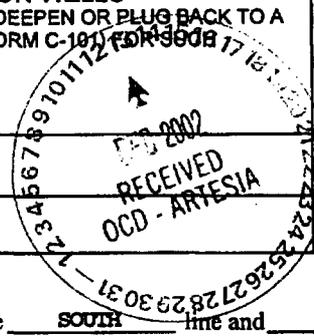
1. Type of Well:
 Oil Well Gas Well Other

2. Name of Operator
 KERR-MCGEE OIL & GAS ONSHORE LLC

3. Address of Operator
 P.O. Box 809004, Dallas, TX 75380-9004

4. Well Location
 Unit Letter I : 1710' feet from the SOUTH line and 880 feet from the EAST line
 Section 2 Township 22 S Range 23 E NMPM County EDDY

10. Elevation (Show whether DR, RKB, RT, GR, etc.)
 3933'



11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input checked="" type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: <input checked="" type="checkbox"/> DRILLED, COMPLETED, PLACED ON PRODUCTION	<input type="checkbox"/>

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

10/03/2002 Spud well
 10/09/2002 Ran and Cemented 9-5/8" surface pipe, csg seat @ 1347'
 Halliburton cemented w/ 1230 sx Class C Cmt.
 10/15/2002 DRILL OUT CEMENT*, FLOAT EQUIPMENT, & SHOE JOINT TO 1,347'.
 10-29-2002 Reached TD of production hole @ 7975', Deviation Survey - 2 Deg.
 10-30-2002 Ran and cemented 7" csg Casing seat at 7975'

10-30-2002 Halliburton cmt'd first stage w/190 sx Class H; DV Tool @ 7107'
 10-30-2002 Drop opening Bomb for DV tool; Halliburton cmt'd second stage w/260 sx Class C; Released Rig

*Waiting time prior to drill out of surface pipe was 130 hours.
 Continued on next page.

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

SIGNATURE Beverly Hoffman TITLE Proration Analyst DATE 12-10-02

Type or print name Beverly Hoffman Telephone No. _____

(This space for State use) **ORIGINAL SIGNED BY TIM W. GUM** **DISTRICT H SUPERVISOR** **DEC 30 2002**

APPROVED BY _____ TITLE _____ DATE _____

Conditions of approval, if any:

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-104
Revised July 208, 2001
Submit to Appropriate District Office
5 Copies

5K
6T
6P

AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

1 Operator name and Address Kerr-McGee Oil & Gas Onshore LLC P. O. Box 809004 Dallas, TX 75380-9004		2 OGRID Number 012558
		3 Reason for Filing Code/Effective Date New Well
4 API Number 30-0 015-32413	5 Pool Name Indian Basin (Upper Perm) Assoc	6 Pool Code 79040 3383
7 Property Code 24515	8 Property Name Conoco State	9 Well Number 8

II. Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
I	2	22S	23E		1710	South	880	East	Eddy

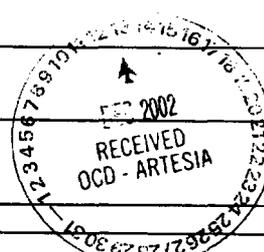
Bottom Hole Location

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

12 Lsc Code	13 Producing Method Code P	14 Gas Connection Date 11-15-2002	15 C-129 Permit Number	16 C-129 Effective Date	17 C-129 Expiration Date
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III. Oil and Gas Transporters

18 Transporter OGRID	19 Transporter Name and Address	20 POD	21 O/G	22 POD ULSTR Location and Description
30174	B. P. America P. O. Box 591 Tulsa, OK 74102	2825582	0	
015629	Natural Gas Pipeline Co of America P O Box 75284 Chicago IL 60690-6312	2825583	G	



IV. Produced Water

23 POD 2825584	24 POD ULSTR Location and Description
--------------------------	---------------------------------------

V. Well Completion Data

25 Spud Date 10/03/2002	26 Ready Date 11/15/2002	27 TD 7975'	28 PBDT 7850'	29 Perforations 7496 - 7646'	30 DHC, MC
31 Hole Size 14-3/4	32 Casing & Tubing Size 9-5/8	33 Depth Set 1347'	34 Sacks Cement 1230		
8-3/4	7"	7975'	450		

VI. Well Test Data

35 Date New Oil	36 Gas Delivery Date 11/15/2002	37 Test Date 11/20/2002	38 Test Length 24 hrs	39 Tbg. Pressure	40 Csg. Pressure 54
41 Choke Size 0	42 Oil	43 Water 535	44 Gas 1101	45 AOF	46 Test Method

47 I hereby certify that the rules 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: *Beverly Hoffman*

Printed name: **Beverly Hoffman**

Title: **Protraction Analyst**

Date: **12/10/2002**

Phone: **972.715.4830**

Approved by: *[Signature]*

OIL CONSERVATION DIVISION
ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR

Title:

Approval Date: **15 2003**

