

** Amended **

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

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-101
June 16, 2008

Submit to appropriate District Office

☐ AMENDED REPORT

RCVD JUN 1 '10
OIL CONS. DIV.

DIST. 3

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

¹ Operator Name and Address NACOGDOCHES OIL AND GAS, INC. 816 NORTH ST., NACOGDOCHES, TX 75961		² OGRID Number 256689
³ Property Code 306172	⁵ Property Name LONE PINE DAKOTA D UNIT	⁴ API Number 30-031-35164 <i>DO NOT USE</i>
⁹ Proposed Pool 1 LONE PINE DAKOTA D		¹⁰ Proposed Pool 2 LONE PINE DAKOTA A (GAS)

⁷ Surface Location

UL or lot no F	Section 13	Township 17 N	Range 9 W	Lot Idn	Feet from the 1850	North/South line NORTH	Feet from the 2400	East/West line WEST	County McKINLEY
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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 line	Feet from the	East/West line	County
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Additional Well Information

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary ROTARY	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 6,986'
¹⁶ Multiple YES	¹⁷ Proposed Depth 3,000'	¹⁸ Formation MORRISON	¹⁹ Contractor NACOGDOCHES	²⁰ Spud Date JUNE 1, 2010

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing Weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4"	8-5/8"	24 #	120'	70	SURFACE
7-7/8"	5-1/2"	15.5 #	3,000'	360	SURFACE

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.
None planned (per 19.15.3.109; not high pressure, not unknown pressure, & not within 1,320' of house), but if required will use 2,000 psi.

SOP Required

** Amended please see
API # 30031-2110.*

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

Signature

[Signature]

Printed name

BRIAN WOOD

Title

CONSULTANT

E-mail Address

brian@permitswest.com

Date

5-16-10

Phone

(505) 466-8120

OIL CONSERVATION DIVISION

Approved by

Title

Approval Date **JUN 04 2010**

Expiration Date

6/4/2011

HOLD C104 run change of status to 30-031-20182

Conditions of Approval Attached ☒ **NSL Both Pools**
only 1 Dakota A well per 1/4 section

only 1 Dakota D well per 1/4 section
Perf A Zone between 2630 - 2670 - A zone
Perf D Zone between 2710 - 2760 - D zone

JUN 04 2010

[illegible]

Ergebnisse der Befragung

Bearings From GLO Plat
No Scale

Default I

1220 S. St. Francis Dr., Santa Fe, NM 87505

Default II

1220 W. Grand Avenue, Santa Fe, NM 87505

Default III

1220 S. St. Francis Dr., Santa Fe, NM 87505

Default IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

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 30-031-		2. Pool Code 80480		3. Pool Name Lone Pine Dakota A (Gas)	
4. Property Code 306172		5. Project Name LONE PINE DAKOTA D UNIT			6. Well Number 16
7. District No. 256689		8. Operator Name NACOGDOCHES OIL AND GAS INC.			9. Location 6986

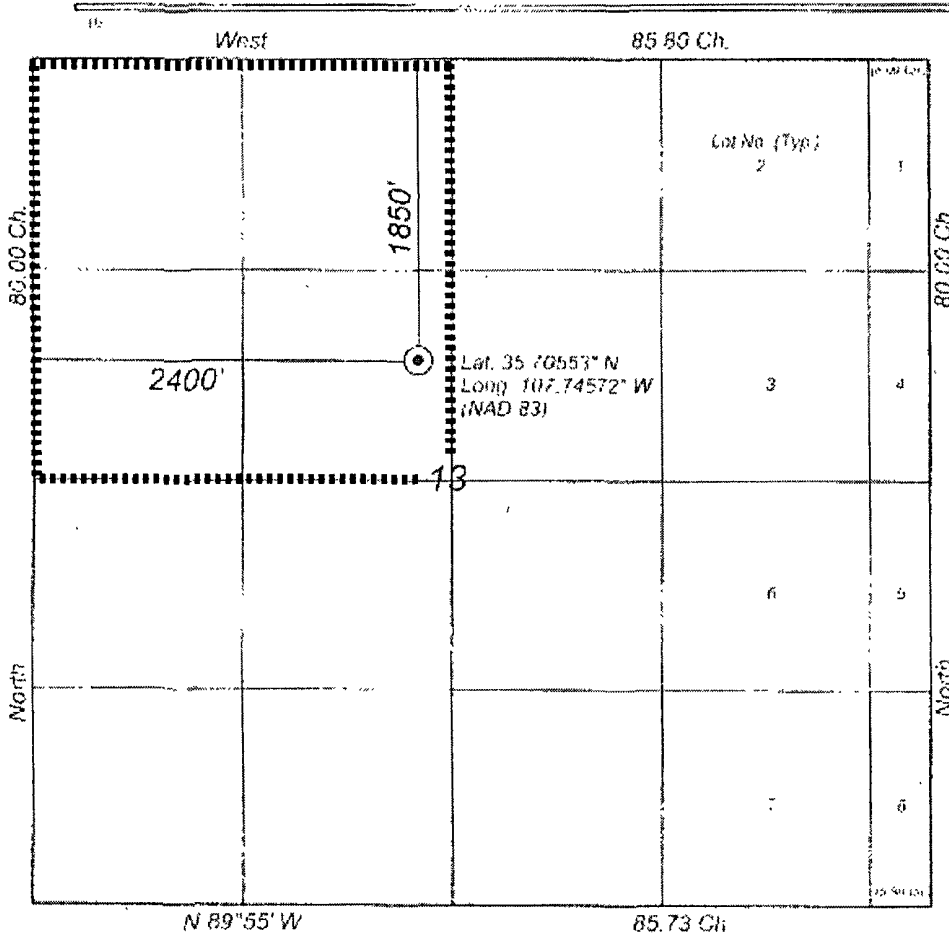
10. Surface Location

11. Lot No. F	12. Section 13	13. Township 17 N	14. Range 9 W	15. Latitude 1850	16. North/South Line North	17. Feet East Line 2400	18. Feet West Line West	19. County McKinley
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11. Bottom Hole Location If Different From Surface

20. Lot No.	21. Section	22. Township	23. Range	24. Latitude	25. North/South Line	26. Feet East Line	27. Feet West Line	28. County
29. Distorted Area 160		30. Form or Title		31. Correspondence		32. Order No.		

No allowables will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



Bearings From GLO Plat
No Scale

12. OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that my organization either owns a working interest, a mineral interest, or 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 or a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order, as authorized by the division.

Brian Wood
Signature
5-16-10
Date

BRIAN WOOD

Printed Name

13. SURVEYOR CERTIFICATION

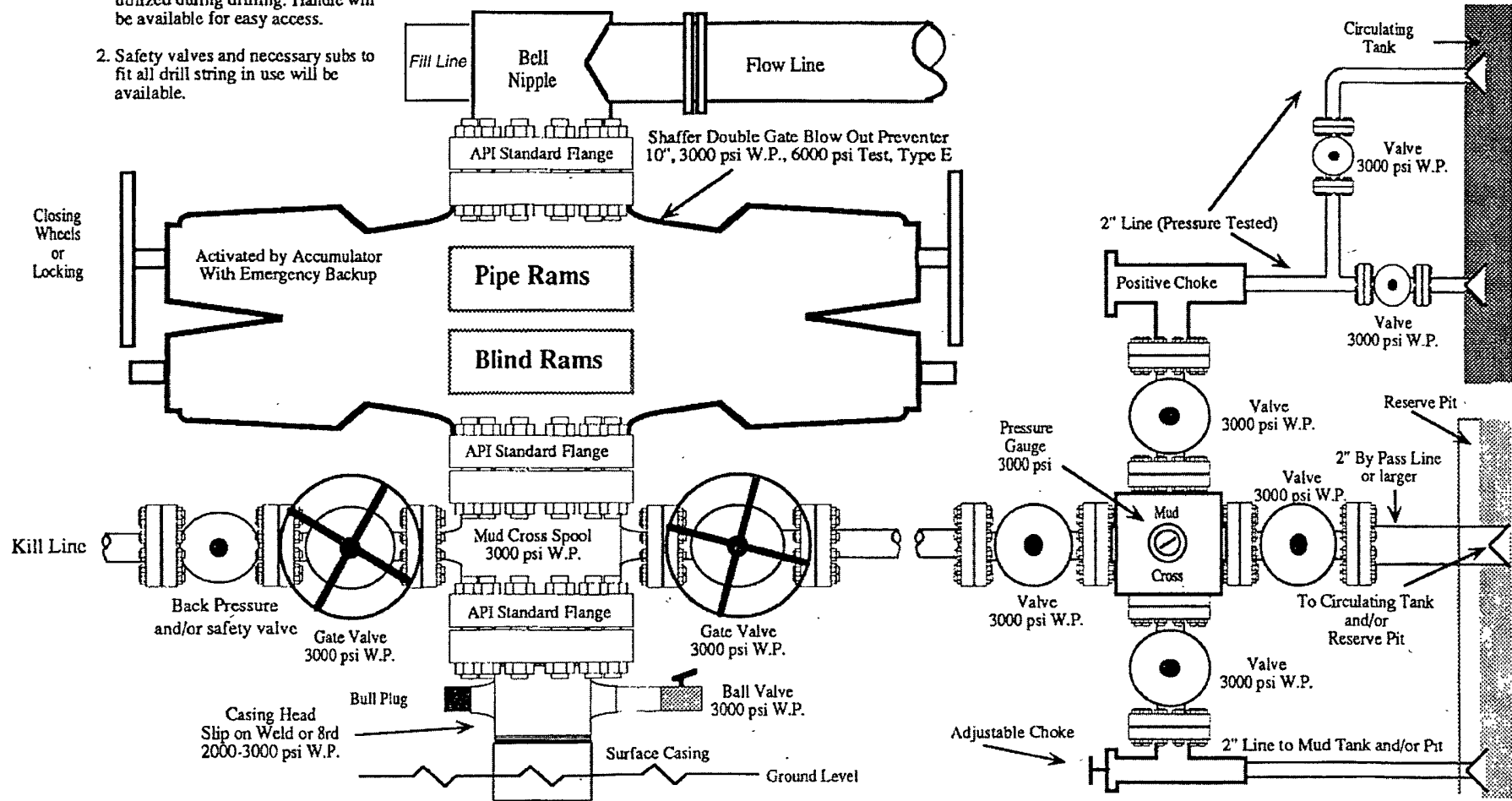
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

26 Apr 2010
Date of Survey
Signature of Surveyor
William E. Mahnke II
Signature
8466
Certificate Number

2,000 PSI BOP SYSTEM

Note: 1. An upper Kelly cock valve will be utilized during drilling. Handle will be available for easy access.

2. Safety valves and necessary subs to fit all drill string in use will be available.



Note: This equipment is designed to meet requirements for a 2-M rating standard per 43 CFR part 3160 (amended). Proper operation and testing of equipment will be carried out per standard. 2,000 psi equipment can be substituted in the drawing to meet minimum requirements per standard.