

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

Form C-101
June 16, 2008

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

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 30-031-21110
⁹ Proposed Pool 1 LONE PINE DAKOTA D		¹⁰ Proposed Pool 2 LONE PINE DAKOTA A (GAS)

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
F	13	17 N	9 W		1850	NORTH	2400	WEST	McKINLEY

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

Additional Well Information

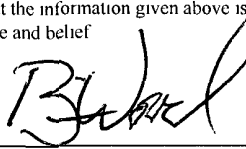
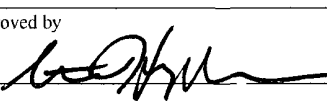
¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary ROTARY	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 6,986'
¹⁶ Multiple YES	¹⁷ Proposed Depth 3,000'	¹⁸ Formation MORRISON	¹⁹ Contractor NACOGDOCHES	²⁰ Spud Date JUNE 1, 2010

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.

BoP Required

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief		OIL CONSERVATION DIVISION	
Signature 		Approved by 	
Printed name BRIAN WOOD		Title	
Title CONSULTANT		Approval Date JUN 04 2010	Expiration Date 6/4/2011
E-mail Address brian@permitswest.com		HOLD C104 Run Change of Status to 30-031-20152	
Date 5-16-10	Phone (505) 466-8120	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 2530 - 2570 - A Zone Perf D Zone between 2710 - 2760 - D Zone	

JUN 04 2010

District I
 162a N. Nevada St., Bldg. NM 88240
 Santa Fe, NM
 1301 W. Central Avenue, Santa Fe, NM 87510
 District II
 1000 P.O. Box 900, Santa Fe, NM 87505
 District III
 1000 S. Alameda St., 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 - 1 Copy

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-031-2110	2. Pool Code 40285	3. Pool Name Lone Pine Dakota D
4. Property Code 306172	Property Name LONE PINE DAKOTA D UNIT	
5. UGRI No. 256689	Operator Name NACOGDOCHES OIL AND GAS INC.	6. Well Number 16
		7. Location 6985

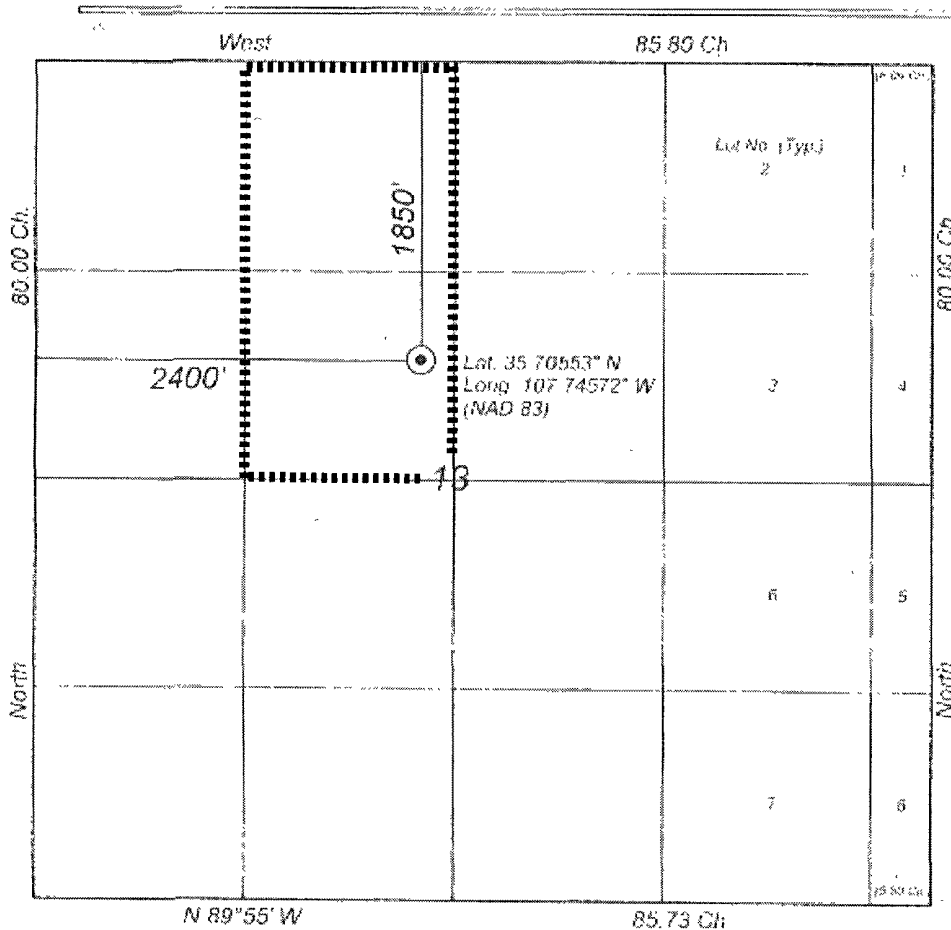
a Surface Location

U. G. I. No.	Section	Township	Range	Loc. Id.	Feet from the	North-South Line	Feet from the	East-West Line	County
F	13	17 N	9 W		1850	North	2400	West	McKinley

b Bottom Hole Location if Different From Surface

U. G. I. No.	Section	Township	Range	Loc. Id.	Feet from the	North-South Line	Feet from the	East-West Line	County
8. Deducted Acres 80		9. Unit or Unit		10. Correlation Code		11. Order No. R-4084-A			

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.



Bearings From GLO Plat
 No Scale

1 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that the organization owner owns a working interest or mineral interest in 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 such mineral or working interest, or has otherwise procured agreement from the compulsory pooling entity. Signature: <i>[Signature]</i> Date: 5-16-10	
Printed Name: BRIAN WOOD	
12 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of a true survey made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey: 26 Apr 2010 Signature and Seal of Surveyor: <i>[Signature]</i> Printed Name: William E. Mahube II Certificate Number: 8465	

District I

1625 N. Pershing Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1001 E. Hughes, Bldg. A, Artesia, NM 87410

District IV

1220 N. 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 30-031-2110	² Pool Code 80480	³ Pool Name Lone Pine Dakota A (Gas)
⁴ Property Code 306172	⁵ Property Name LONE PINE DAKOTA D UNIT	Well Number 16
⁶ UGRI# No 256689	⁷ Operator Name NACOGDOCHE'S OIL AND GAS INC.	⁸ UGRI# 6985

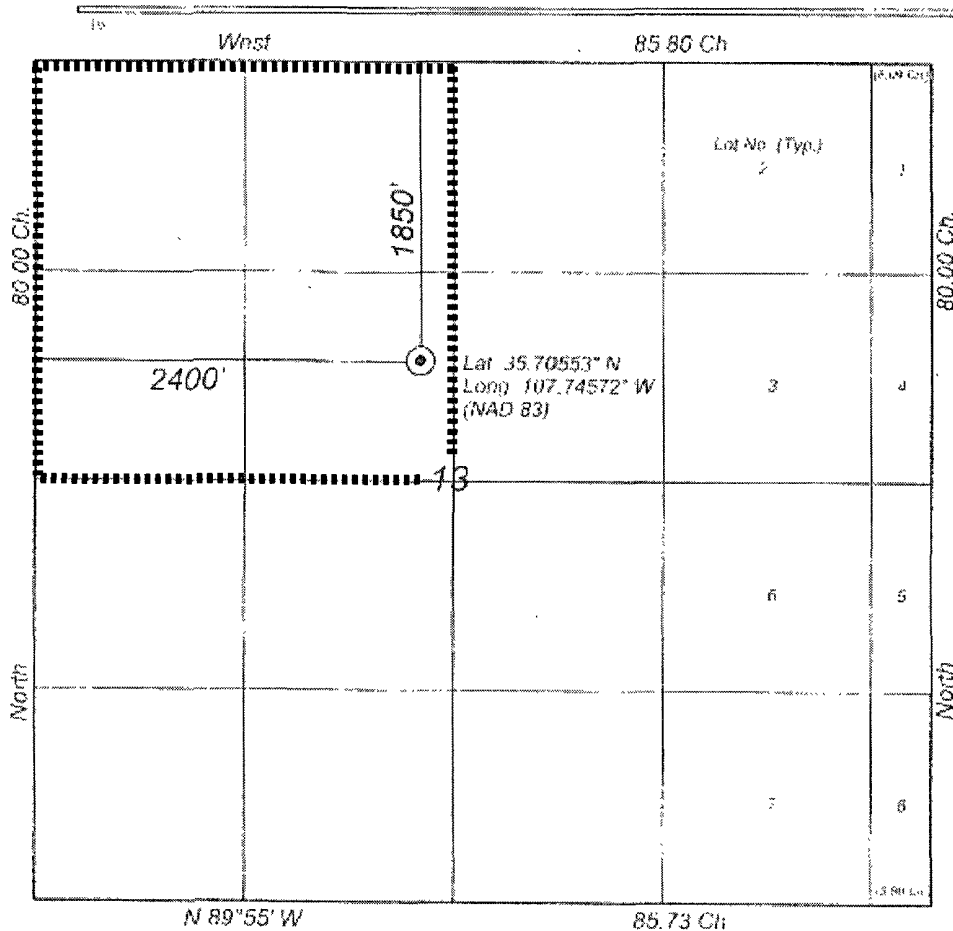
10 Surface Location

U/L or L/L No	Section	Township	Range	Lot No.	Feet from the	North/South Line	Feet from the	East/West Line	County
F	13	17 N	9 W		1850	North	2400	West	McKinley

11 Bottom Hole Location If Different From Surface

U/L or L/L No	Section	Township	Range	Lot No.	Feet from the	North/South Line	Feet from the	East/West Line	County
¹² Disposed Acres 160		¹³ Name of Unit		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.



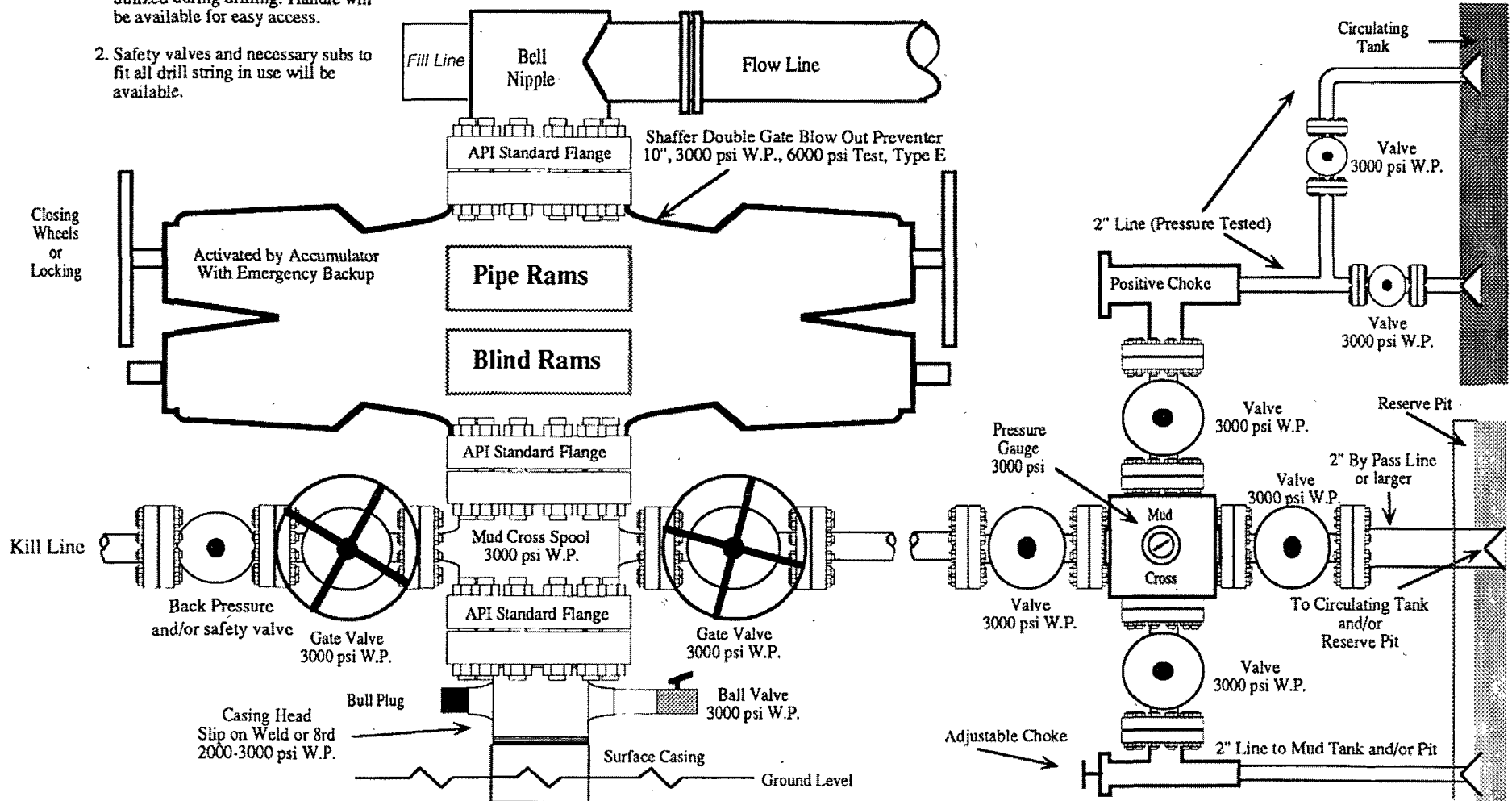
17 OPERATOR CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that my organization either owns a working interest or mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or a voluntary pooling agreement or a compulsory pooling order.	
As certified by the division,	
Signature <i>Brian Wood</i>	Date 5-16-10
Print Name BRIAN WOOD	
Print Location	
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 belief.	
Date of Survey 26 Apr. 2010	
Surveyor's Seal and Signature <i>William E. Mahuke II</i>	
Certificate Number 8456	

Bearings From GLO Plat
No Scale

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.