

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
May 27, 2004

Submit to appropriate District Office

☐ AMENDED REPORT

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

Operator Name and Address Frontier Drilling, LLC 1101 W. Broadway Bloomfield, NM 87413		OGRID Number 239882
Property Code 35468	Property Name Amacker	API Number 30-043-21013
Proposed Pool 1 Badland Hills, Mancos		Well No. 1
Proposed Pool 2		

Surface Location

UL or lot no. L	Section 22	Township 23N	Range 1W	Lot Idn	Feet from the 1915	North/South line South	Feet from the 545	East/West line West	County Sandoval
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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

Work Type Code N	Well Type Code Oil	Cable/Rotary Rotary	Lease Type Code Fee	Ground Level Elevation 7467
Multiple 5000	Proposed Depth 5000	Formation Mancos	Contractor Frontier Drilling	Spud Date 5/1/06
Depth to Groundwater <30'		Distance from nearest fresh water well >1000'		Distance from nearest surface water >1000'
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 mils thick Clay <input type="checkbox"/> Pit Volume: 5300 bbls Drilling Method: Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				
Closed-Loop System <input type="checkbox"/>				

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	23	320	225	surface
7 7/8	5 1/2	17	5000'	1000	surface

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.

11" 3000 psi double ram BOP, 3000 psi choke manifold - double adjustable chokes per BLM onshore regulations. BOP will be pressure tested prior to drilling out surface casing shoe. Fresh water polymer & gel mud system from surface to T.D. Maximum BHP expected to be encountered is 1750 psi. Dedicated acreage is 100% Fee - surface & minerals. Surface damage Agreement with surface owner has been executed.

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines ☒ a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

Printed name: **Steve Owen**

Title: **Owner**

E-mail Address: **steve@frontierdrilling.us**

Date: **2/28/06**

Phone: **505 632 9150**

OIL CONSERVATION DIVISION

Approved by:

Title: **DEPUTY OIL & GAS INSPECTOR, DIST. 40**

Approval Date: **MAR 01 2006**

Expiration Date: **MAR 01 2007**

Conditions of Approval Attached ☐

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
PO Drawer DD, Artesia, NM 88211-0719

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

District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102

Revised February 21, 1994

Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-043-21013		*Pool Code 76929	*Pool Name Badlands Hills Mancos Pool
*Property Code 35468	*Property Name AMACKER		*Well Number 1
*GRID No. 239882	*Operator Name FRONTIER DRILLING, LLC		*Elevation 7467'

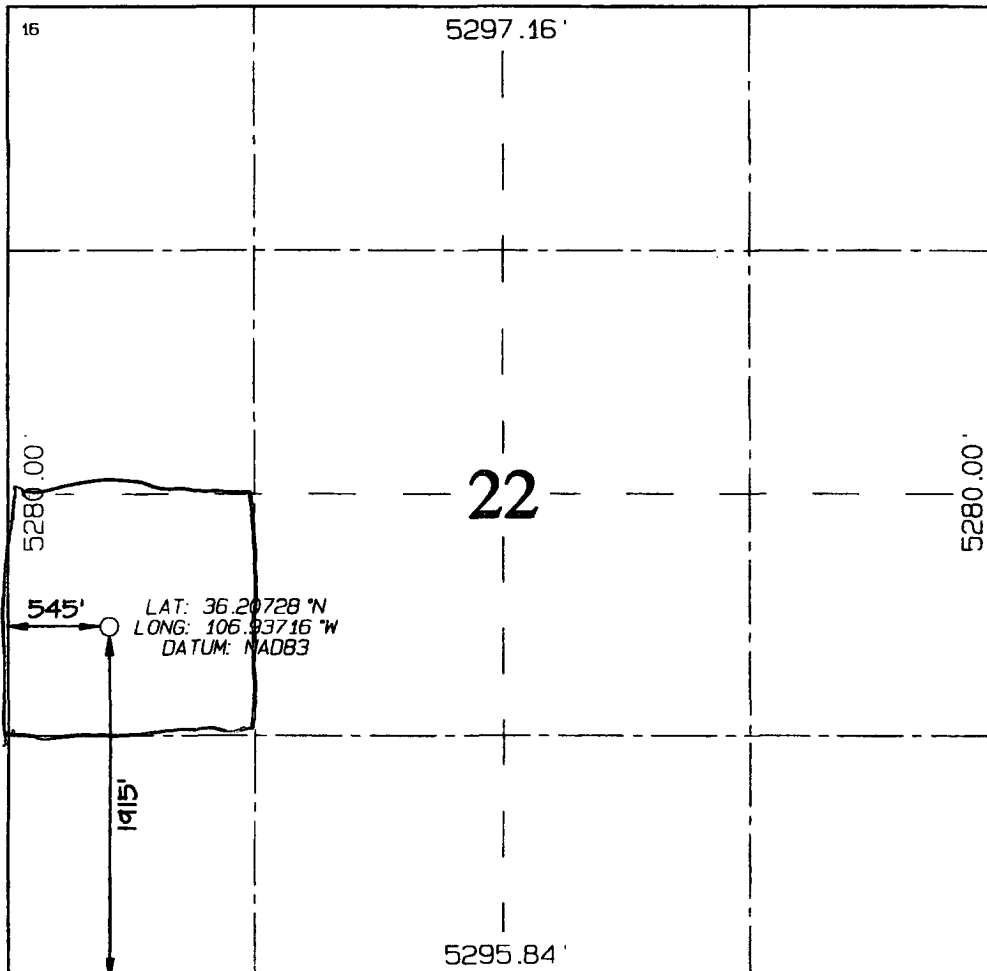
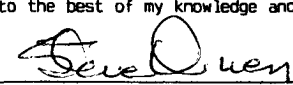
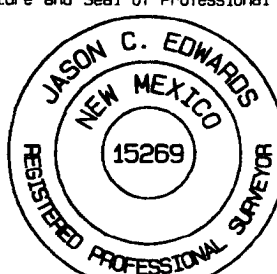
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	22	23N	1W		1915	SOUTH	545	WEST	SANDOVAL

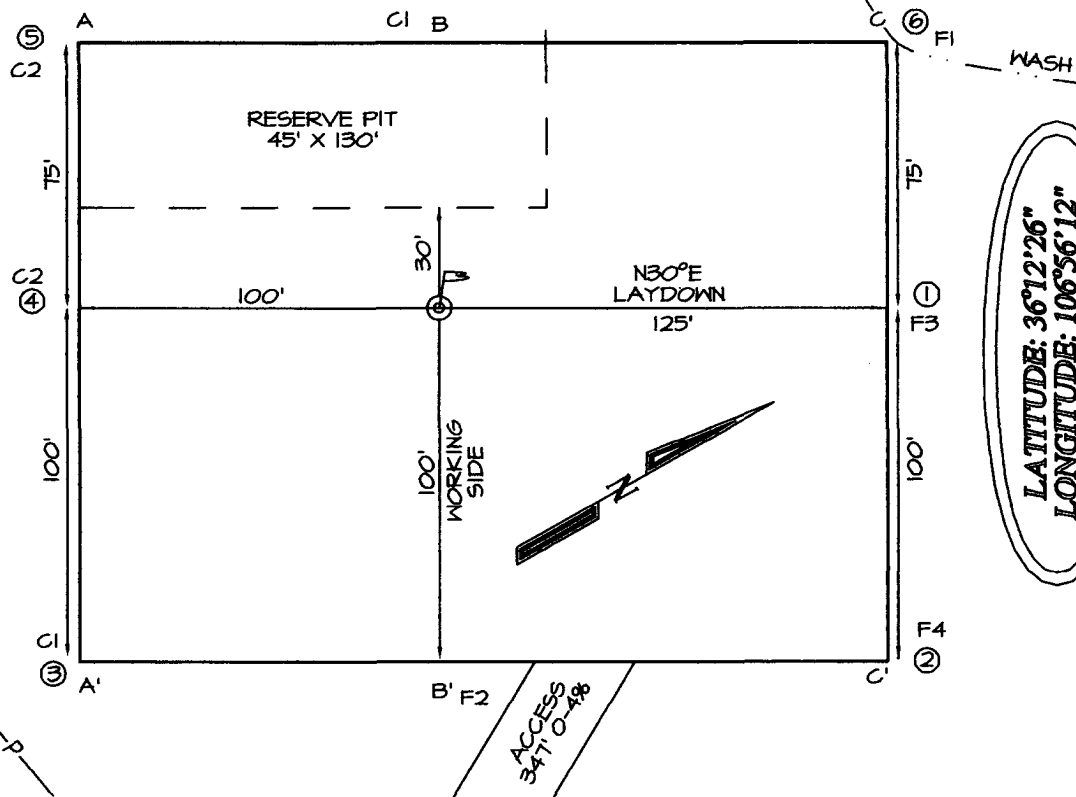
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres 40					¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.		

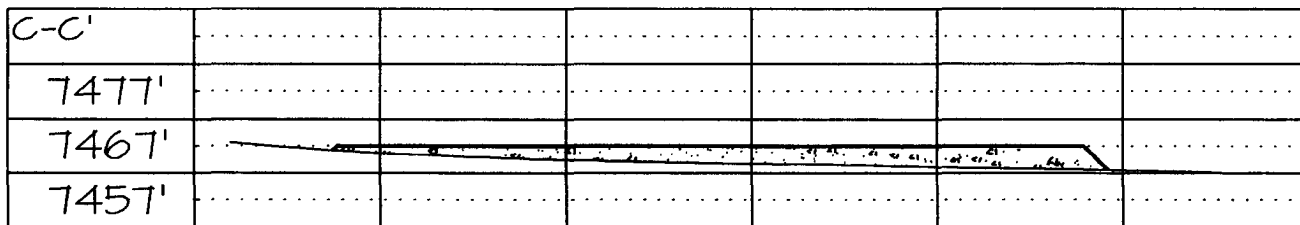
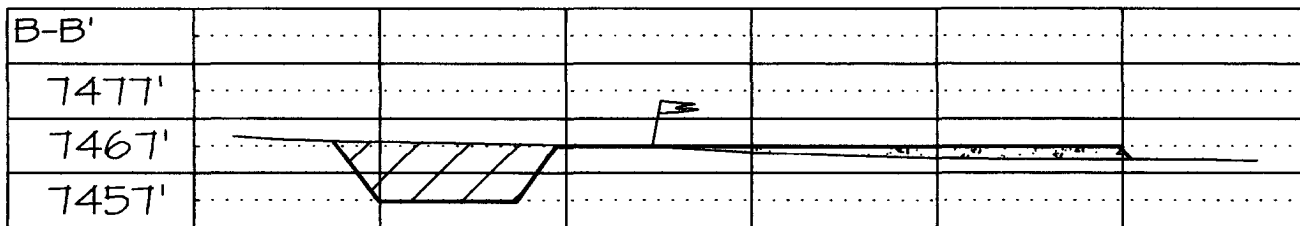
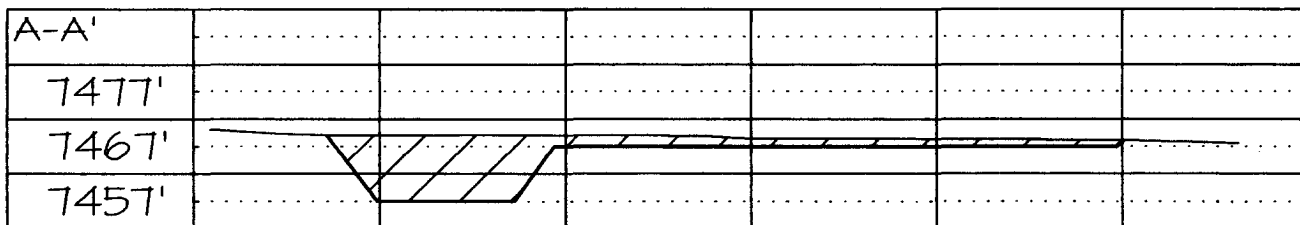
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief  Signature Steve Owen Printed Name Co-owner Title 2/28/06 Date
	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 Survey Date: NOVEMBER 30, 2005 Signature and Seal of Professional Surveyor  JASON C. EDWARDS Certificate Number 15269

FRONTIER DRILLING, LLC : AMACKER #1
1915' FSL & 545' FWL, SECTION 22, T23N, R1W, NMPM
SANDOVAL COUNTY, NEW MEXICO
GROUND ELEVATION: 7467'



LATITUDE: 36°12'26"
 LONGITUDE: 106°56'12"
 DATUM: NAD1927



FRONTIER DRILLING, LLC: AMACKER #1
1915' FSL & 545' FWL, SECTION 22, T23N, RIW, N.M.P.M.
SANDOVAL COUNTY, NEW MEXICO

