

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 McKay Oil and Gas, LLC P.O. Box 14738 Albuquerque, NM 87191-4738		GRID Number 010715
Property Code 34861	Property Name Manna	API Number 33132
Proposed Pool 1 71629 - Basin Fruitland Coal		Proposed Pool 2 71280 - Aztec Pictured Cliffs

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	1	30N	12W		950	North	1385	West	San Juan

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

Work Type Code N	Well Type Code G	Cable/Rotary R	Lease Type Code P	Ground Level Elevation 5818'
Multiple Yes	Proposed Depth 2380'	Formation Pictured Cliffs	Contractor Unknown	Spud Date As soon as permitted
Depth to Groundwater 150'		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 2700 bbls Drilling Method: Closed-Loop System <input type="checkbox"/> Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
8 3/4"	7"	20#	120'	50sx (59cf) B	Surface
6 1/4"	4 1/2"	10.5#	2380'	260sx (448cf) B	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.

A 2000 psi blowout prevention system will be used, consisting of both blind and pipe rams.

HOLD OCM FOR Change in Status to Maxwell #1

23 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 <input checked="" type="checkbox"/> a general permit <input type="checkbox"/> or an (attached) alternative OCD-approved plan <input type="checkbox"/>		OIL CONSERVATION DIVISION	
Printed name: Dana L. Delventhal		Approved by: <i>[Signature]</i>	
Title: Agent		Title: PERMIT CH. & GAS INSPECTOR, DIST. III	
E-mail Address: ddelventhal@qwest.net		Approval Date: JUN - 3 2005 Expiration Date: JUN - 3 2006	
Date: 6/2/05	Phone: (505) 326-4125	Conditions of Approval Attached <input type="checkbox"/>	

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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 June 10, 2003

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-085-33132	² Pool Code 71629/71280	³ Pool Name Basin Fruitland Coal/Aztec Pictured Cliffs
⁴ Property Code 34861	⁵ Property Name MANNA	⁶ Well Number 1
⁷ OGRID No. 010715	⁸ Operator Name McKAY OIL AND GAS, LLC	⁹ Elevation 5818

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
C	1	30-N	12-W	3	950	NORTH	1385	WEST	SAN JUAN

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 319.2 320.1	¹³ Joint or Infill N	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

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SECTION COR. FD 3 1/4" BC 1951 BLM	S 89-24-55 E 2646.5' (M)	QUARTER COR. FD 3 1/4" BC 1951 BLM
LOT 4	LOT 3	LOT 2
1385'	LAT: 36°50'45.0" N. (NAD 83) LONG: 108°06'15.0" W. (NAD 83)	LOT 5
S 01-58-04 E 2621.5' (M)		LOT 6
QUARTER COR. FD 3 1/4" BC 1976 BLM		LOT 7

17 OPERATOR CERTIFICATION

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

Signature

Dana L. Delventhal

Printed Name

Agent

Title

June 2, 2005

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.

MAY 11, 2005

Date of Survey

Signature

JOHN A. VUKONICH
REGISTERED PROFESSIONAL SURVEYOR

Certificate Number