

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
May 27, 2004

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

RECEIVED

Submit to appropriate District Office

MAY 09 2005

☐ AMENDED REPORT

OOD-ARTESIA

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

¹ Operator Name and Address Pure Resources, L. P. 500 W. Illinois Midland, Texas 79701		² OGRID Number 150628	
		³ API Number 30 - 015-22627	
⁴ Property Code	⁵ Property Name Pardue Farms 26		⁶ Well No. 1
⁹ Proposed Pool 1 Loving; Morrow, North (Gas)		¹⁰ Proposed Pool 2	

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
E	26	23S	28E		1980	North	660	West	EDDY

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 P, A	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3,025.7' GR
¹⁶ Multiple No	¹⁷ Proposed Depth 12,956'	¹⁸ Formation Morrow	¹⁹ Contractor	²⁰ Spud Date ASAP (~May 9, 2005)
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> _____ mils thick Clay <input type="checkbox"/> Pit Volume: _____ bbls Drilling Method:				
<input checked="" type="checkbox"/> Closed-Loop System <input type="checkbox"/> NA-Steel Tanks & Spill Containment on BOP to be used. Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
26"	20"	94# K-55	427'	675 sx "C"	Surface
17-1/2"	13-3/8"	61# K-55	3,000'	1,900sx "C"	TOC @ 510' TS
12-1/4"	9-5/8"	43&47# S-95	10,400'	3,260sx	TOC @ 600' TS
8-1/2"	7" Liner	26# S-95	10,104'-12,290'	650sx	Liner fully cmt'd.
6-1/4"	4-1/2" Liner	13.5# N-80	12,004'-13,117'	130sx	Liner fully cmt'd.

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.

This well was originally drilled to a TD of 13,117' (PBTD @ drlg. of 12,956'). The Morrow zone was bypassed at that time to dually complete & produce the prolific Atoka & Strawn formations to protect correlative rights & prevent waste. This was done by setting an RBP @ 11,880' with 4sx sand & 100# hydromite cap (tagged depth 11,840') over the Morrow formation. Then RIH with dual completion packers & tbg. and completing in the Atoka & Strawn formations. These zones (Atoka & Strawn) are now depleted in this area. Therefore, Pure Resources respectfully requests permission to now POH with the dual production equipment & packers, drill out the hydromite plug & RBP and complete in the Morrow formation as per the attached proposed procedure.

The BOP will be a double ram, 5000psi hydraulic type. We will utilize steel tanks and spill containment on BOP stack as alternative to pits.

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 ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☒.

OIL CONSERVATION DIVISION

Approved by:

TIM W. GUM

DISTRICT II SUPERVISOR

Printed name: Alan W. Bohling

Title:

Title: Regulatory Agent

Approval Date:

MAY 13 2005

Expiration Date: MAY 13 2005

E-mail Address: abohling@pureresources.com

Date: May 5, 2005

Phone: (432) 498-8662

Conditions of Approval Attached ☐

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-22627		² Pool Code 80695		³ Pool Name Loving; Morrow, North (Gas)	
⁴ Property Code		⁵ Property Name Pardue Farms 26			⁶ Well Number 1
⁷ OGRID No. 150628		⁸ Operator Name Pure Resources, L. P.			⁹ Elevation 3025.7' GR

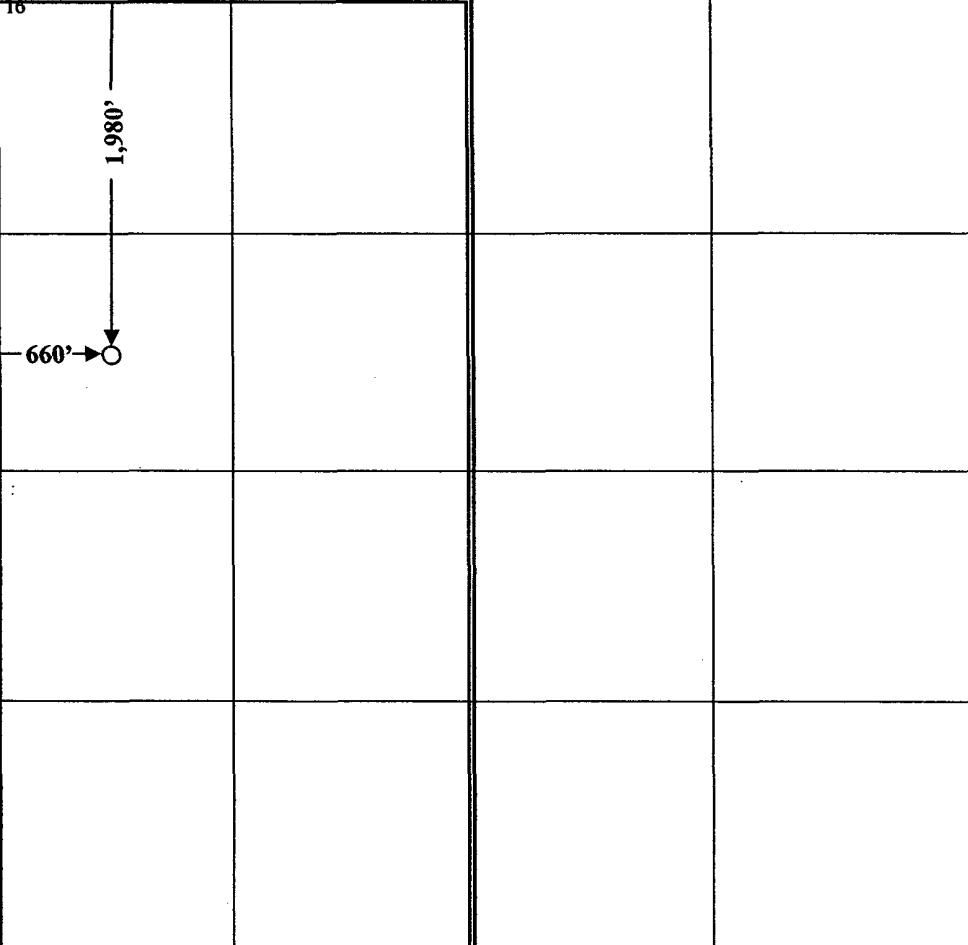

¹⁰ Surface Location

UL or lot no. E	Section 26	Township 23S	Range 28E	Lot Idn	Feet from the 1,980	North/South line North	Feet from the 660	East/West line West	County EDDY
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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 320		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

¹⁶ 	¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature Alan W. Bohling Printed Name Regulatory Agent Title and E-mail Address May 5, 2005 Date			
	¹⁸ SURVEYOR CERTIFICATION <i>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.</i>			
	Date of Survey Signature and Seal of Professional Surveyor:			
	Certificate Number			