

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
Revised July 18, 2013

Oil Conservation Division

☐ AMENDED REPORT

RECEIVED

MAY 27 2014

1220 South St. Francis Dr.

Santa Fe, NM 87505

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

Operator Name and Address PURVIS OPERATING CO. PO BOX 51990, MIDLAND, TX 79710-1990		4. OGRID Number 131559
		3. API Number 30-015-32938
4. Property Code 32697	5. Property Name ESPERANZA 22 STATE COM	6. Well No. 1

7. Surface Location

UL - Lot I	Section 22	Township 21S	Range 27E	Lot Idn	Feet from 1775	N/S Line South	Feet From 660	E/W Line East	County EDDY
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8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
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9. Pool Information

BURTON FLAT	Pool Name MORROW	Pool Code 22380
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Additional Well Information

11. Work Type P	12. Well Type G	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3225
16. Multiple	17. Proposed Depth	18. Formation	19. Contractor	20. Spud Date
Depth to Ground water 100'		Distance from nearest fresh water well Unknown. At least 3 miles or more.		Distance to nearest surface water 4 miles

☒ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
			ON RECORD			

Casing/Cement Program: Additional Comments

ON RECORD

22. Proposed Blowout Prevention Program

Type Pipe Rams	Working Pressure 5000	Test Pressure 3000	Manufacturer
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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 I have complied with 19.15.14.9 (A) NMAC ☒ and/or 19.15.14.9 (B) NMAC ☐, if applicable.

Signature:

Printed name: Donnie E. Brown

Title: Petroleum Engineer

E-mail Address: eng@purvisop.com

Date: May 22, 2014

Phone: 432-682-7346

OIL CONSERVATION DIVISION

Approved By:

Title:

Approved Date: 5-28-2014

Expiration Date: 5-28-2016

Conditions of Approval Attached

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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 August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-32938	² Pool Code 73280	³ Pool Name BURTON FLAT MORROW
⁴ Property Code 32697	⁵ Property Name ESPERANZA 22 STATE COM	
⁷ OGRID No. 131559	⁸ Operator Name PURVIS OPERATING CO.	
		⁶ Well Number 1
		⁹ Elevation 3225 GR

¹⁰ Surface Location									
UL or lot no. I	Section 22	Township 21S	Range 27E	Lot Idn	Feet from the 1775	North/South line SOUTH	Feet from the 660	East/West line EAST	County EDDY

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.

¹⁰ 	¹⁶ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased 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 a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature 5-29-2014 Date Donnie E. Brown, Petroleum Engineer Printed Name eng@purvisop.com E-mail Address			
	¹⁷ 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. September 14, 2002 Date of Survey Signature and Seal of Professional Surveyor: Certificate Number			

Purvis Operating Co.

Esperanza 2.2 stage Cor #1

17 1/2" hole

12 1/4" hole

8 3/4" hole

13 7/8" - 48 lb - K55

5.16' Cemented w/ 4135 sks
Circ 82 sks

9 5/8" - 36 lb - J55

2.652' Cemented w/ 1056 sks
Circ 149 sks

6390' - TOC - 2nd stage

5 1/2" - 17# S95 IN 80

OV Tool at 7248' Cemented
w/ 270 sks

9208' - TOC 1st stage

Morrow Perfs

11492-494

11497-513

11,850' Cemented w/ 680 sks