

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

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

1. Operator Name and Address PURVIS OPERATING CO PO BOX 51990 MIDLAND, TX 797101990		2. OGRID Number 131559
		3. API Number 30-015-36344
4. Property Code 37180	5. Property Name BUZZARD CANYON	6. Well No. 001

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
L	16	20S	21E	L	1450	S	1000	W	EDDY

8. Pool Information

undesigned	0
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Additional Well Information

9. Work Type New Well	10. Well Type GAS	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 4560
14. Multiple N	15. Proposed Depth 7900	16. Formation Morrow	17. Contractor	18. Spud Date 5/30/2008
Depth to Ground water 300		Distance from nearest fresh water well > 1000		Distance to nearest surface water > 1000
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 _____ miles thick Clay <input type="checkbox"/> Pit Volume: 4800 _____ 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"/>				

19. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	8.625	32	1600	900	
Prod	7.875	5.5	17	7900	300	1100

Casing/Cement Program: Additional Comments

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Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	5000	Hydril
Pipe	5000	5000	Shaffer
Blind	5000	5000	Shaffer

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 NMOCB 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: Electronically filed by Donnie Brown	Approved By: Tim Gum
Title: Manager	Title: District Supervisor
Email Address: eng@purvisop.com	Approved Date: 5/28/2008 Expiration Date: 5/28/2010
Date: 5/23/2008 Phone: 432-682-7346	Conditions of Approval Attached

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(505) 393-6161 Fax:(505) 393-0720

District II
 1301 W. Grand Ave., Artesia, NM 88210
 Phone:(505) 748-1283 Fax:(505) 748-9720

District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

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Form C-102
 Permit 75637

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-36344	2. Pool Code	3. Pool Name undesignated
4. Property Code 37180	5. Property Name BUZZARD CANYON	6. Well No. 001
7. OGRID No. 131559	8. Operator Name PURVIS OPERATING CO	9. Elevation 4560

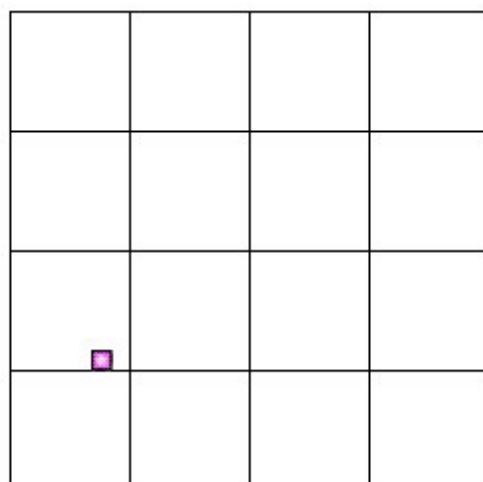
10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
L	16	20S	21E		1450	S	1000	W	EDDY

11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 0.00		13. Joint or Infill		14. Consolidation Code N/A		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



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(s) 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.

E-Signed By: Donnie Brown
 Title: Manager
 Date: 5/23/2008

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.

Surveyed By: Dan Reddy
 Date of Survey: 5/19/2008
 Certificate Number: 5412

Permit Comments

Operator: PURVIS OPERATING CO , 131559

Well: BUZZARD CANYON #001

API: 30-015-36344

Created By	Comment	Comment Date
BOXFORD	Will send pit profile diagram in the mail	5/23/2008
BOXFORD	C-102 (plat) will be sent in the mail	5/23/2008

Permit Conditions of Approval

Operator: PURVIS OPERATING CO , 131559

Well: BUZZARD CANYON #001

API: 30-015-36344

OCD Reviewer	Condition
TGUM	Tie cement on production string 500' into surface casing or 1100'. Note: new Pit Rule: 19.15.17