#### State of New Mexico

Form C-101 Permit 77525

#### 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

	TEIGHT TO BRIBE, ICE ENTERS, BEETEN,	The oblitant, offither in house
1.	Operator Name and Address	2. OGRID Number
PU	RVIS OPERATING CO	131559
м	PO BOX 51990 DLAND , TX 797101990	3. API Number
1411	DEAND, 12 /9/101990	30-015-36391
4. Property Code	5. Property Name	6. Well No.
37206	SEGREST STATE COM	001

#### 7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
G	2	21S	21E	G	1750	N	1400	E	EDDY

#### 8. Pool Information

WILDCAT LITTLE BOX;CANYON; (G) 96849

#### Additional Well Information

9. Work Type New Well	20025	il Type AS	11. Cable/Rotary	y 12. Lease Typ State	e 13. Ground Level Elevation 4549
14. Multiple N	200 March 1975	osed Depth 200	16. Formatio Morrow	n 17. Contract	or 18. Spud Date
Depth to Ground	water		Distance from neares	t fresh water well	Distance to nearest surface water
Pit: Liner: Synthetic Closed Loop System	_ n [	mils thick	Clay Pit Volume:	bbls Drilling Method: Fresh Water ⊠ Brine	Diesel/Oil-based Gas/Air

19. Proposed Casing and Cement Program

Туре	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	8200	900	1100

#### Casing/Cement Program: Additional Comments

Drill 12 1/4" hole to 1600'; run 8 5/8" casing to TD. Cement back to surface to protect all fresh water. Drill out from under surface casing with 7 7/8" bit using cut brine for drilling fluids. DST all Zones of interest, run open hole logs. Run 5 1/2" production casing if any commercial oil and gas zones are found. Cement 600' above most shallow commercial zone. Please call if any changes need to be made - 1-800-535-8924. Please do not reject this APD, we will make changes as required by the NMOCD.

Proposed Blowout Prevention Program

Туре	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	OIL CONSERVATION DIVISION				
NMOCD guidelines, a general permit, or an (attached) alternative OCD-approved plan	Approved By: Tim Gum				
Printed Name: Electronically filed by Donnie Brown	Title: District Supervisor				
Title: Manager	Approved Date: 6/26/2008   Expiration Date: 6/26/2010				
Email Address: eng@purvisop.com					
Date: 6/25/2008   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

<u>District II</u>

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

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

#### State of New Mexico

Form C-102 Permit 77525

# Energy, Minerals and Natural Resources Oil Conservation Division

1220 S. St Francis Dr. Santa Fe, NM 87505

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

10.5			
1. API Number	2. Pool Code	3	Pool Name
30-015-36391	96849	WILDCAT LITT	LE BOX;CANYON; (G)
4. Property Code	5. Proper	ty Name	6. Well No.
37206	SEGREST STATE COM		001
7. OGRID No.	8. Operat	8. Operator Name	
131559	PURVIS OPE	4549	

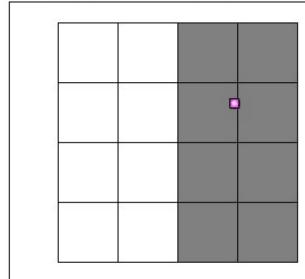
#### 10. Surface Location

Š	UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
	G	2	215	21E		1750	И	1400	E	EDDY

#### 11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Т	ownship	Range	Lot	Idn	Feet From	N/S L	ine	Feet From	E/W Line	County
1075110755	ated Acres		13. 3	Joint or Infill			. Consolidation ( Communitization	2672220			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: 6/25/2008

#### 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: 5/16/2008 Certificate Number: 5412

### Permit Comments

Operator: PURVIS OPERATING CO , 131559 Well: SEGREST STATE COM #001

API: 30-015-36391

Created By	Comment	Comment Date	
BOXFORD	If there is anything wrong with this APD, please call us at 800-535-8924 and we will make changes. Please do not reject it.	6/25/2008	
BOXFORD	This will be a Morrow test holding 320 acres in a stand-up unit, covering the E/2 of Section 2.	6/25/2008	
BOXFORD	When I click on dedicate acreage nothing happens - We want this to be a 320 acre stand-up unit on the E/2 of section 2.	6/25/2008	
BOXFORD	We will try to keep, the well as verticle as possible so that the Bottom Hole and Surface location are as verticle as possible.	6/25/2008	

## Permit Conditions of Approval

Operator: PURVIS OPERATING CO , 131559 Well: SEGREST STATE COM #001

API: 30-015-36391

OCD Reviewer	Condition
kmwilson	NOTE: NEW PIT RULE 19.15.17 NMAC
kmwilson	Drilling pit must be constructed, operated and closed per above new rule.
TT GITING	Permit approved so the a spuder can be moved on to save a lease. An approved C-144 will be needed prior to starting actual drilling operations.