### State of New Mexico

#### Form C-101 Permit 42772

### **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

	The later of the l							
1.	Operator Name and Address	2. OGRID Number						
TORCI	241401							
1.77	21 LAMAR SUITE 1175 HOUSTON , TX 77010	3. API Number						
1	10051011, 12 7/010	30-025-38202						
4. Property Code	5. Property Name	6. Well No.						
302966	COOPER JAL UNIT	509						

#### 7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
J	18	24S	37E	J	1370	S	1368	E	LEA

#### 8. Pool Information

JALMAT;TAN-YATES-7 RVRS (OIL)	33820
LANGLIE MATTIX;7 RVRS-Q-GRAYBURG	37240

#### **Additional Well Information**

9. Work Type	10. Well Type	11. Cable/Rotary	12. Lease Type	13. Ground Level Elevation	
New Well	OIL		Private	3299	
14. Multiple	15. Proposed Depth	16. Formation	17. Contractor	18. Spud Date	
Y	3730	Queen		12/29/2006	
Depth to Ground v 130	vater	Distance from nearest fresh water well > 1000		Distance to nearest surface water > 1000	
Pit: Liner: Synthetic X Closed Loop System			Drilling Method: Fresh Water ⊠ Brine □ 1	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	24	400	250	
Prod	7.875	5.5	15.5	3730	1000	

Casing/Cement Program: Additional Comments

- 1	1/8 5788
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Proposed Blowout Prevention Program

Туре	Working Pressure	Test Pressure	Manufacturer
Annular	3000	3000	
DoubleRam	3000	3000	Cameron

I hereby certify that the information given of my knowledge and belief. I further certify that the drilling pit w		OIL CONSERVATION DIVISION		
NMOCD guidelines 🔍 a general per OCD-approved plan 🗆	nit , or an (attached) alternative	Approved By: Chris Williams		
Printed Name: Electronically filed by Randy Ziebarth		Title: District Supervisor		
Title: VP		Approved Date: 12/5/2006	Expiration Date: 12/5/2007	
Email Address: ziebarthr@teai.co	m			
Date: 12/5/2006	Phone: 713-756-1620	Conditions of Approval Attacl	hed	

DISTRICT 1 1625 N. French Dr., Hobbs, NM 88240

DISTRICT II 1301 W. Grand Ave., Artesia, NM 88210

DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410 DISTRICT IV 1220 St. Francis Dr., Santa Fe, NM 87505

# State of New Mexico Energy, Minerals and Natural Resources Department

Revised October 12, 2005 Submit to Appropriate District Office State Lease-4 copies

Form C-102

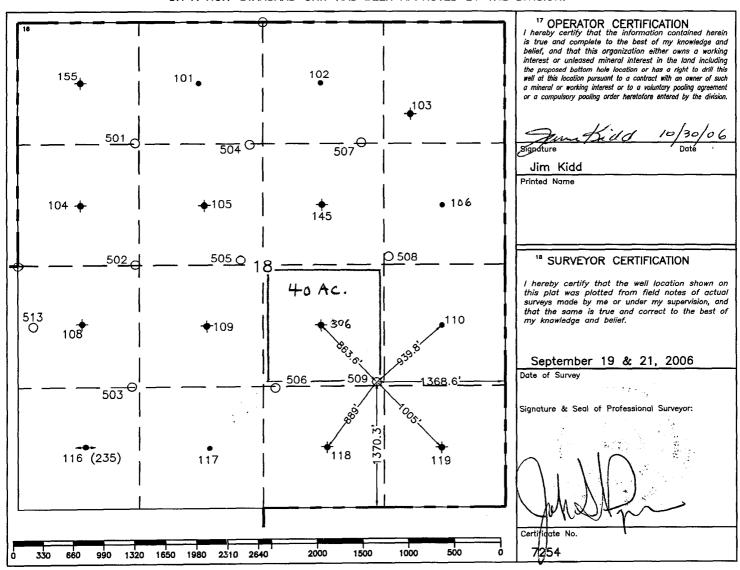
#### OIL CONSERVATION DIVISION 1220 South St. Francis Drive Santa Fe, NM 87505

Fee Lease-3 copies

☐ AMENDED REPORT WELL LOCATION AND ACREAGE DEDICATION PLAT

1 A	Pl Number		T	<sup>2</sup> Pool Code			<sup>3</sup> Pool Nar	me		
					Jain	nat; Langlie Mat	tix			
Property Co	de				<sup>5</sup> Property N					<sup>6</sup> Well Number
	1				Cooper Jo	ıl Unit				509
<sup>7</sup> OGRID No.					<sup>8</sup> Operator N	ame				<sup>9</sup> Elevation
193003				TO	RCH ENERGY	SERVICES, INC.		1	3299'	
					<sup>10</sup> Surface L					
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/Wes	t line	County
J	18	24-S	37-E		1370.3'	South	1368.6	East		Lea
			<sup>11</sup> B	ottom Hol	e Location If	Different From	Surface			
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/Wes	t line	<sup>7</sup> County
12Dedicated Acres	13 Jo	int or Infill	<sup>1</sup> Consolid	ation Code	<sup>15</sup> Order No.		<u></u>			

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.



© = Found Section Corner, 2 or 3" Iron Pipe & GLO B.C. o = Found /4 Section Corner, 1" Iron Pipe & GLO B.C.

ADDITIONAL INFORMATION ON THE LOCATION									
State Plane Coord	inates								
Northing 443412.72		Easting 892502.95							
Latitude <b>32°12</b> ′	50.108"	Longitude 103°11'52.390"							
Zone	North American Datum	Combined Grid Factor	Coordinate File						
East	1983/86	0.99988900	Coop_Jal.Crd						
Drawing File		Field Book							
Coop_Jal.Dwg		LEA #24, Pg. 9							

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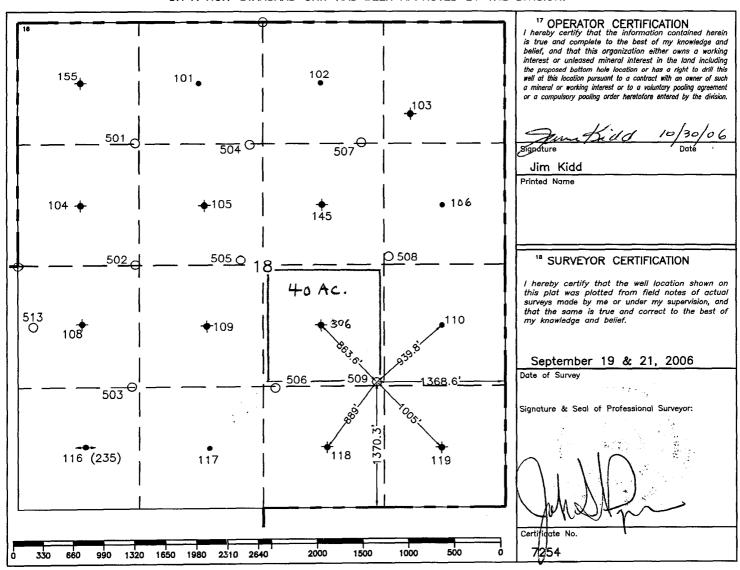
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Drawing File		Field Book							
Coop_Jal.Dwg		LEA #24, Pg. 9							

## **Permit Comments**

Operator: TORCH ENERGY SERVICES, INC. , 241401 Well: COOPER JAL UNIT #509

API: 30-025-38202

Created By	Comment	Comment Date
MREYES	A request to downhole commingle the Jalmat and Langlie Mattix Pools will filed later.	12/5/2006

# Permit Conditions of Approval

Operator: TORCH ENERGY SERVICES, INC., 241401
Well: COOPER JAL UNIT #509

API: 30-025-38202

OCD Reviewer	Condition	
DMULL	Pit construction and closure must satisfy all requirements of your approved plan, O.C.D. Rule 19.15.2.50, and the Pit and Below-Grade Tank Guidelines	
DMULL	Will Requires DHC administrative order for downhole commingling before multiple zones can be produced by commingling in the wellbore.	
CWILLIAMS	Surface casing must have cement to surface.	