

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
June 16, 2008

Oil Conservation Division

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

RECEIVED
MAY 18 2010
HOBBSDO

Submit to appropriate District Office

☐ AMENDED REPORT

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

¹ Operator Name and Address Resaca Operating Company 1331 Lamar, Suite 1450 Houston, TX 77010		² OGRID Number 263848
		³ API Number 30-025-11052
⁴ Property Code 306443	⁵ Property Name Cooper Jal Unit	⁶ Well No 244
⁹ Proposed Pool 1 Jalmat, Tansill, Yates, 7 Rivers (Oil) 33820		¹⁰ Proposed Pool 2 Langlie Mattix, 7 Rivers, Queen, Grayburg 37240

⁷ Surface Location

UL or lot no J	Section 18	Township 24S	Range 37E	Lot Idn	Feet from the 1980	North/South line South	Feet from the 1980	East/West line East	County Lea
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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
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Additional Well Information

¹¹ Work Type Code E	¹² Well Type Code O/I	¹³ Cable/Rotary	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3301'
¹⁶ Multiple	¹⁷ Proposed Depth 3700'	¹⁸ Formation Queen	¹⁹ Contractor	²⁰ Spud Date

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
11"	8 5/8"	32	1050'	400	Surface
7 5/8"	5 1/2"	17	3452'	250	1950'
4 3/4"	4" Slotted Liner	9.5	3438'-3601'	NA	NA

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.

- 1.) Re-enter CJU #244 (well was plugged 7/20/2000).
- 2.) Drill out 3 cement plugs @ surface-60', 945'-1350', 2300'-2800'. Drill out CIBP @ 2800'.
- 3.) Pressure Test 5 1/2" casing from 0 to 2800'. Squeeze perforations from 2850'-3205'.
- 4.) Clean out well to 3700' with 3" Bit (included 99' of new hole).
- 5.) Test well for production potential (slotted liner & open hole from 3452'-3700').
- 6.) Test well for water injection potential.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name: Melanie Reyes

Title: Engineer Assistant

E-mail Address: melanie.reyes@resacaexploitation.com

Date: 5/5/2010 Phone: (432) 580-8500

OIL CONSERVATION DIVISION

Approved by:

Title:

PETROLEUM ENGINEER

Approval Date:

JUL 07 2010

Expiration Date

FOR RECORD ONLY

Work has been done, ONLY submitted to bring well file complete.

Permit Expires 2 Years From Approval
Date Unless Drilling Underway
Re-Entry

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State of New Mexico
Energy, Minerals and Natural Resources Department

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

Form C-1021
Revised October 12, 2005

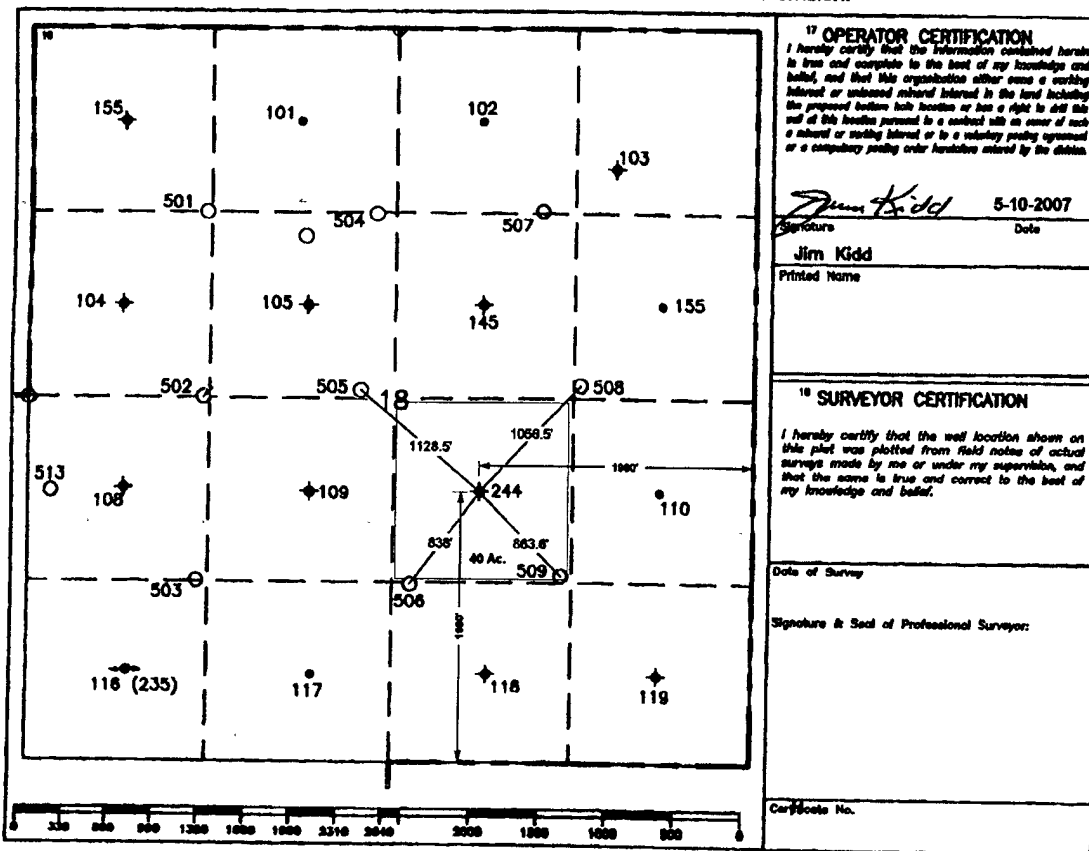
Submit to Appropriate District Office
State Lease-4 copies
Fee Lease-3 copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-025-11052		2 Pool Code		3 Pool Name Jalnet; Langlie Mattox	
4 Property Code		5 Property Name Cooper Jal Unit			6 Well Number 244
7 CORB No. 193003		8 Operator Name TORCH ENERGY SERVICES, INC.			9 Elevation 3301'
10 Surface Location					
UL or lot no. J	Section 18	Township 24-S	Range 37-E	Lot No. 1980'	North/South line South
Foot from the		Foot from the		East/West line East	
1980'		1980'		East	
County Lea					
11 Bottom Hole Location If Different From Surface					
UL or lot no.	Section	Township	Range	Lot No.	North/South line
Foot from the		Foot from the		East/West line	
County					
12 Dedicated Acres 40		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.



○ = Staked Location ● = Producing Well ⊙ = Injection Well ◇ = Water Supply Well ✦ = Plugged & Abandon Well
⊙ = Found Section Corner, 2 or 3" Iron Pipe & GLO B.C. ○ = Found 1/4 Section Corner, 1" Iron Pipe & GLO B.C.

ADDITIONAL INFORMATION ON THE LOCATION

State Plane Coordinates			
Northing 444006.12		Easting 891938.69	
Latitude		Longitude	
Zone	North American Datum	Combined Grid Factor	Coordinate File
East	1983/86	0.99988900	
Drawing File		Field Book	

