

**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

Form C-101  
Revised July 18, 2013

## Energy Minerals and Natural Resources

### Oil Conservation Division

☐ AMENDED REPORT

SEP 23 2013

1220 South St. Francis Dr.

Santa Fe, NM 87505

RECEIVED

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

1. Operator Name and Address Yates Petroleum Corporation 105 South Fourth Street Artesia, NM 88210		2. OGRID Number 025575
		3. API Number 30-005-27934
4. Property Code 38051	5. Property Name Patsy BPJ State Com	6. Well No. 2

#### 7. Surface Location

UL - Lot M	Section 11	Township 12S	Range 31E	Lot Idn	Feet from 660	N/S Line South	Feet From 660	E/W Line West	County Chaves
---------------	---------------	-----------------	--------------	---------	------------------	-------------------	------------------	------------------	------------------

#### 8. Proposed Bottom Hole Location

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

#### 9. Pool Information

WL-025 G-07 S1213118	Pool Name Wildcat, Strawn	Pool Code 98048
----------------------	------------------------------	--------------------

#### Additional Well Information

11. Work Type P	12. Well Type G	13. Cable/Rotary NA	14. Lease Type S	15. Ground Level Elevation 4440' GR
16. Multiple N	17. Proposed Depth NA	18. Formation Strawn	19. Contractor NA	20. Spud Date NA
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ 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
REFER TO ORIGINAL COMPLETION						

#### Casing/Cement Program: Additional Comments

Yates Petroleum Corporation plans to plugback and recomplete this well as follows: NU BOP. Release packer and TOH. Set CIBP at 10700' followed with 35' of cement. Perforate Strawn 10160' to 10172 (72 holes). Acidize w/ 1500 gals 7-1/2% Morrow type acid and 140 ball sealers. Flow and swab and report results. If additional stimulation is required, frac the Strawn down 2-7/8" tbg at 18 to 25 BPM, max TP of 10900 psi with 24000 gals 24000# of prop (Frac detail attached). Hold 2500 psi on backside. NOTE: If pressure limit is approached, do not reduce rate below 15 BPM to attempt flush. Just shut down and prepare to clean out sand. Flow the frac back to remove all the frac fluids and gels. Turn well over to production. Wolfcamp completion will be submitted as needed. Schematics attached.

#### 22. Proposed Blowout Prevention Program

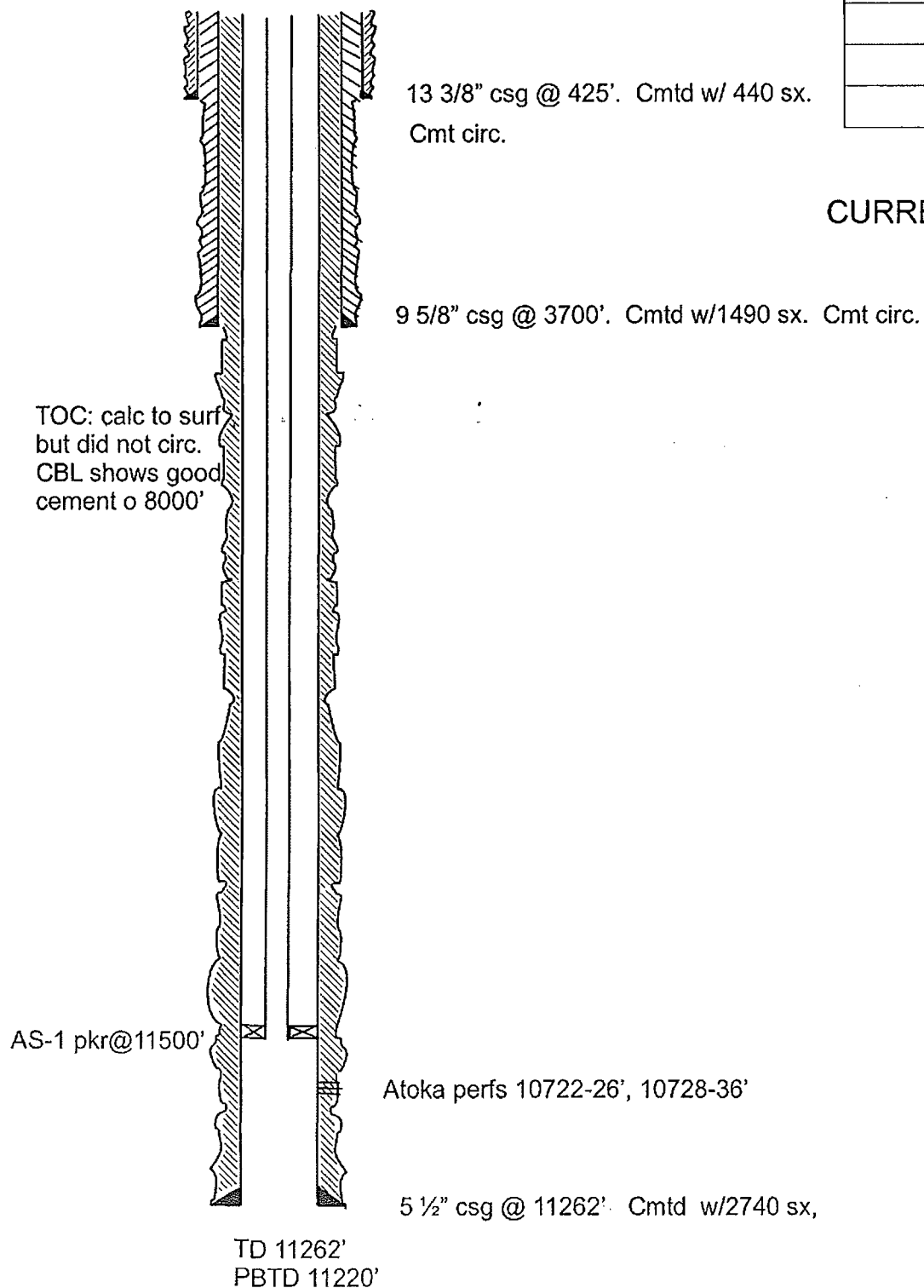
Type	Working Pressure	Test Pressure	Manufacturer
Manual BOP	3000 psi	3000 psi	Whichever company is available

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 <input type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input type="checkbox"/> , if applicable. Signature: <i>Laura Watts</i>		OIL CONSERVATION DIVISION	
Printed name: Laura Watts		Approved By: <i>[Signature]</i>	
Title: Regulatory Reporting Technician		Title: <i>Dist. Mgr</i>	
E-mail Address: laura@yatespetroleum.com		Approved Date: <i>9-25-2013</i> Expiration Date: <i>9-25-2015</i>	
Date: September 19, 2013	Phone: 575-748-4272	Conditions of Approval Attached	

SEP 25 2013

<b>Well Name:</b>	Patsy BPJ State	<b>m #2</b>	<b>Field:</b>
<b>Location:</b>	660' FSL & 660' FWL Sec. 11-12S-31E Chaves Co, NM		
<b>GL:</b>	4440'	<b>Zero:</b>	<b>AGL:</b>
<b>Spud Date:</b>		<b>Completion Date:</b>	<b>KB:</b> 4457'
<b>Comments:</b>			

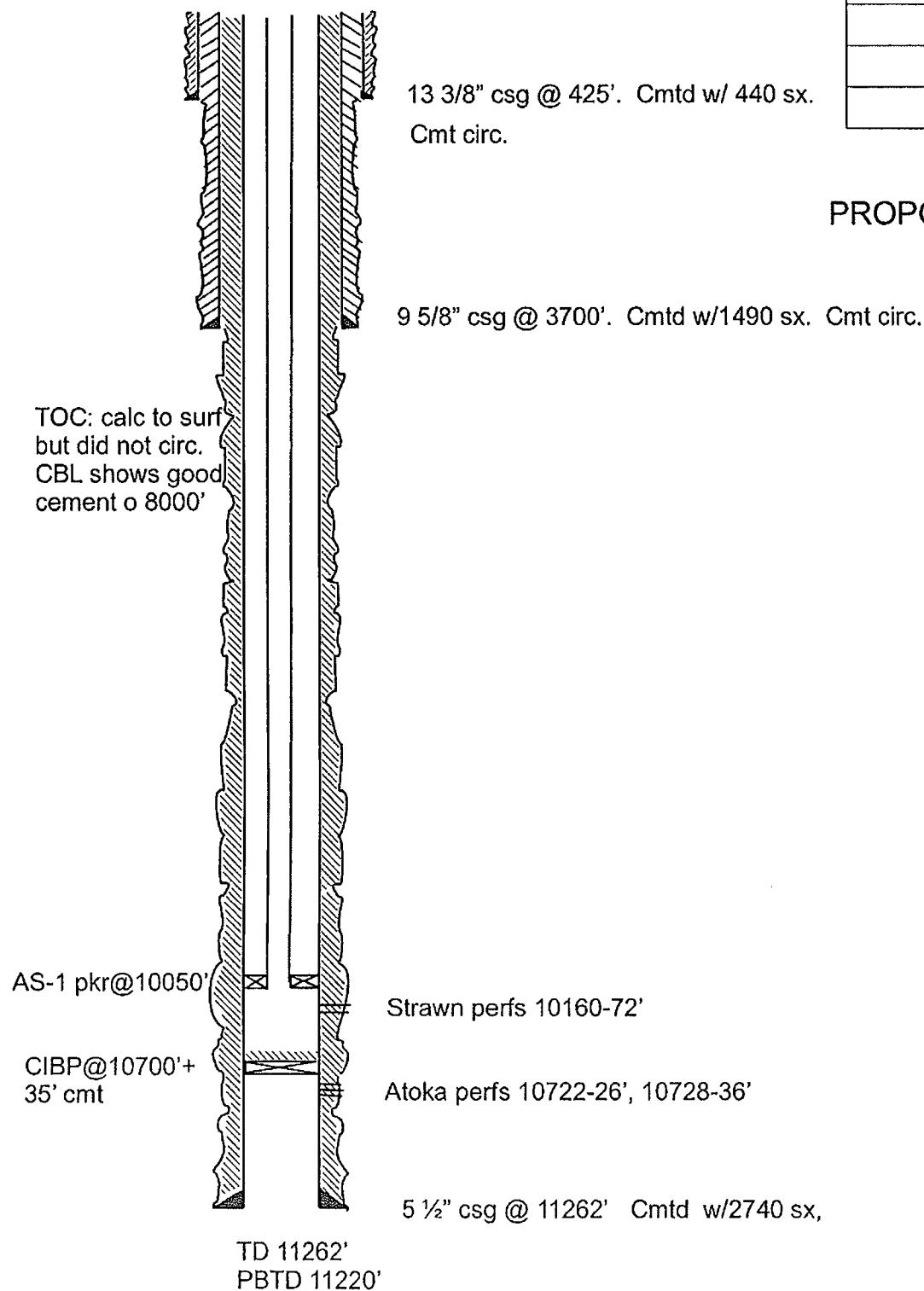
Casing Program	
Size/Wt/Grade/Conn	Depth
13 3/8" 48# H40	425'
9 5/8" 36&40# J55	3700'
5 1/2" 17# J55, L80 P110	11262'



## CURRENT CONFIGURATION

<b>Well Name:</b> Patsy BPJ State	<b>m #2</b>	<b>Field:</b>
<b>Location:</b> 660' FSL & 660' FWL Sec. 11-12S-31E Chaves Co, NM		
<b>GL:</b> 4440'	<b>Zero:</b>	<b>AGL:</b> <b>KB:</b> 4457'
<b>Spud Date:</b>		<b>Completion Date:</b>
<b>Comments:</b>		

Casing Program	
Size/Wt/Grade/Conn	Depth
13 3/8" 48# H40	425'
9 5/8" 36&40# J55	3700'
5 1/2" 17# J55, L80 P110	11262'



## PROPOSED CONFIGURATION

Stage	Fluid	Sand Conc.	Lbs of Sand
6000 gal.	CMHPG 40# gel + 40% CO <sub>2</sub> pad	0	
3700 gal.	CMHPG 40# gel + 40% CO <sub>2</sub> 0.5ppg	1850 lbs 20/40 Versaprop	
4000 gal.	CMHPG 40# gel + 40% CO <sub>2</sub> 1.0 ppg	4000 lbs 20/40 Versaprop	
4900 gal.	CMHPG 40# gel + 40% CO <sub>2</sub> 1.5 ppg	7350 lbs 20/40 Versaprop	
5400 gal.	CMHPG 40# gel + 40% CO <sub>2</sub> 2.0 ppg	10800 lbs 20/40 Versaprop	
2509 gal.	CMHPG 40# gel + 40% CO <sub>2</sub> 0 ppg	flush – no sand	
24000 gallons + flush			24000# total