

**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

**HOBS 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**

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

**7. Surface Location**

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

<i>WL-025 G-07 S1213UB</i>	Pool Name Wildcat, Strawn <i>(GAS)</i>	Pool Code <i>98048</i>
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**Additional Well Information**

<sup>11</sup> Work Type P ✓	<sup>12</sup> Well Type G	<sup>13</sup> Cable/Rotary NA	<sup>14</sup> Lease Type S	<sup>15</sup> Ground Level Elevation 4440' GR
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth NA	<sup>18</sup> Formation Strawn	<sup>19</sup> Contractor NA	<sup>20</sup> 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

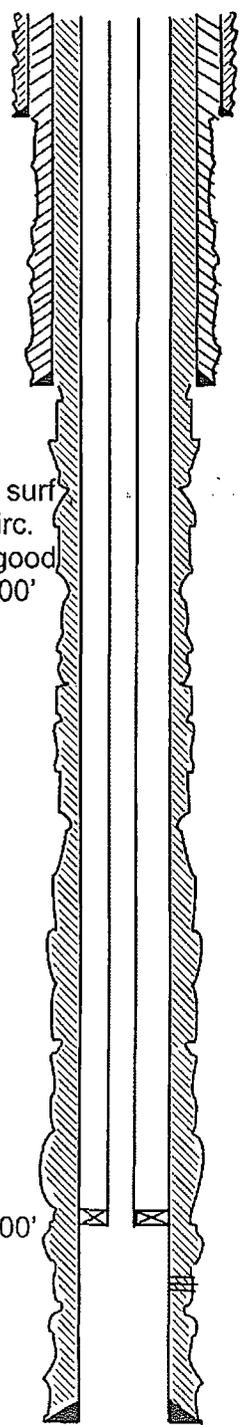
<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.  
 I further certify that I have complied with 19.15.14.9 (A) NMAC  and/or 19.15.14.9 (B) NMAC , if applicable.  
 Signature: *Laura Watts*  
 Printed name: Laura Watts  
 Title: Regulatory Reporting Technician  
 E-mail Address: laura@yatespetroleum.com  
 Date: September 19, 2013 Phone: 575-748-4272

OIL CONSERVATION DIVISION	
Approved By:	<i>[Signature]</i>
Title:	<i>Dist. Mgr</i>
Approved Date:	<i>9-25-2013</i> Expiration Date: <i>9-25-2015</i>
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>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'



13 3/8" csg @ 425'. Cmtd w/ 440 sx.  
Cmt circ.

**CURRENT CONFIGURATION**

9 5/8" csg @ 3700'. Cmtd w/1490 sx. Cmt circ.

TOC: calc to surf  
but did not circ.  
CBL shows good  
cement o 8000'

Atoka perms 10722-26', 10728-36'

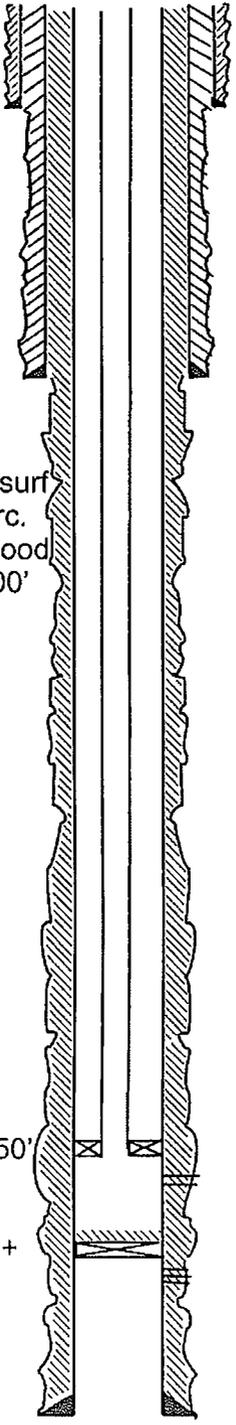
5 1/2" csg @ 11262'. Cmtd w/2740 sx,

TD 11262'  
PBD 11220'

AS-1 pkr@11500'

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



13 3/8" csg @ 425'. Cmtd w/ 440 sx.  
Cmt circ.

9 5/8" csg @ 3700'. Cmtd w/1490 sx. Cmt circ.

TOC: calc to surf  
but did not circ.  
CBL shows good  
cement o 8000'

AS-1 pkr@10050'

Strawn perms 10160-72'

CIBP@10700'+  
35' cmt

Atoka perms 10722-26', 10728-36'

5 1/2" csg @ 11262' Cmtd w/2740 sx,

TD 11262'  
PBTd 11220'

**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