

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Operator Copy

FORM APPROVED
OMB No. 1004-0134
Expires: March 31, 2007

RECEIVED

MAR 24 2010

Tribe Name
NMOCD ARTESIA

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
Probity Operating, LLC

3a. Address
110 W. Louisiana, Suite 325
Midland, TX 79701

3b. Phone No. (include area code)
432-570-1122

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
898 FSL and 1952 FEL
Section 5, T19S, R24E

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No.
Green Wooley Booger Fed. 5 No. 2

9. API Well No.
30-015-37344

10. Field and Pool or Exploratory Area
Hoag Tank (Morrow)

11. Country or Parish, State
Eddy County, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Change of Operator</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Probity Operating, LLC as new operator accepts all applicable terms, conditions, stipulations and restrictions concerning operations conducted on the lease or portion of the lease described.

Bond Number: 3340000
OGRID No.: 269709

Request approval to change operator effective: 11/11/2009

From: Arrington Oil and Gas Inc.
To: Probity Operating, LLC

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)

Rached Hindi

Title Vice President- Operations Manager

Signature

Date 11/11/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

APPROVED

NOV 12 2009

/s/ Dustin Winkler

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Operator Copy

FORM APPROVED
OMB No 1004-0137
Expires March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS
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5. Lease Serial No.
NM 103591

6. If Indian, Allottee or Tribal Name

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NMOCD ARTESIA

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☐ Oil Well ☒ Gas Well ☐ Other

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Probiity Operating, LLC

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110 W. Louisiana St., Suite 325
Midland, TX 79701

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Section 5, T19S, R24E
898' FSL and 1952' FEL

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No.
Green Wooley Booger Fed. 5 No. 2

9. API Well No.
30-015-37344

10. Field and Pool or Exploratory Area
Hoag Tank (Morrow)

11. Country or Parish, State
Eddy County, New Mexico

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
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It is requested to change the name of the subject well from: Green Wooley Booger Fed. 5 No. 2 to Deliah No. 1

**SUBJECT TO LIKE
APPROVAL BY STATE**

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)

Rached Hindi

Title. Operations Manager

Signature

Rached Hindi

Date 11/18/2009

APPROVED

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Office

NOV 20 2009

Date

**WESLEY W. INGRAM
PETROLEUM ENGINEER**

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UNITED STATES
DEPARTMENT OF THE INTERIOR **Operator Copy**
BUREAU OF LAND MANAGEMENT

FORM APPROVED
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NM 103591

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SUBMIT IN TRIPLICATE - Other instructions on page 2.

7. If Unit of CA/Agreement, Name and/or No.

NMOCD ARTESIA

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
Green Wooley Booger Fed. 5 No. 2

2. Name of Operator
Proby Operating, LLC

9. API Well No.
30-015-37344

3a. Address
110 W. Louisiana St., Suite 325
Midland, TX 79701

3b. Phone No. (include area code)
432-570-1122

10. Field and Pool or Exploratory Area
Hoag Tank (Morrow)

4. Location of Well (Footage, Sec., T.R., M., or Survey Description)
Section 5, T19S, R24E
898' FSL and 1952' FEL

11. Country or Parish, State
Eddy County, New Mexico

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November 18, 2009

Proby Operating notified the Carlsbad BLM office at 6:40 am that we were spudding the subject well. At 10:30 am New Mexico time, Proby Operating set and cemented 20" conductor pipe at 40'.

The small drilling rig continued to drill to below the conductor pipe and will continue drilling operations until the larger drilling rig is moved on to location to take over the deeper drilling operations. It is estimated that the larger rig will move on to location within 3 -5 days after moving off the smaller rig.

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)

Rached Hindi

Title

Operations Manager

Signature

Rached Hindi

Date

11-18-2009

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

NOV 20 2009

Office

WESLEY W. INGRAM

PETROLEUM ENGINEER

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NMOCD ARTESIA

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7. If Unit of CA/Agreement Name and/or No.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.

Deliah No. 1 (Green Wooley Booger Fed. 5 No. 2)

2. Name of Operator
Probity Operating, LLC

9. API Well No.

30-015-37344

3a. Address
110 W. Louisiana, Suite 325
Midland, TX 79701

3b. Phone No. (include area code)

432-570-1122

10. Field and Pool or Exploratory Area

Hoag Tank (Morrow)

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
898' FSL and 195' FEL N52
Section 5 T19S, R24E

11. Country or Parish, State

Eddy County, NM

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It is requested to change the casing design from 5 1/2", 17 lb/ft, N-80 and J-55 from surface to TD, as approved on November 23, 2009 per a Change Plans Sundry Report, to the following that includes K-55 instead of the J-55.

Depth Interval	Casing Size	Casing Weight	Grade	Joint	Collapse Factor	Tensile Yield Factor	Burst Factor
0-1400'	5 1/2"	17 lb/ft	N-80	LTC	9.3	2.27	1.78
1400' - 5800'	5 1/2"	17 lb/ft	K-55	LTC	1.75	2.11	1.22
5800' - 9000'	5 1/2"	17 lb/ft	N-80	LTC	1.45	1.45	1.78

Probity Operating, LLC
OGRID No. 269709

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)

Rached Hindi

Title Vice President - Operations Manager

Signature

Date 12/07/2009

APPROVED

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Office

DEC 10 2009

Date

**WESLEY W. INGRAM
PETROLEUM ENGINEER**

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FORM APPROVED
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NMOC D ARTESIA

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1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other PAGE 1

2. Name of Operator
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Midland, TX 79701

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898' FSL and 195' FEL
Section 5 T19S, R24E

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No
Deliah No. 1 (Green Wooley Booger Fed. 5 No. 2)

9. API Well No.
30-015-37344

10. Field and Pool or Exploratory Area
Hoag Tank (Morrow)

11. Country or Parish, State
Eddy County, NM

12 CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
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<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Remedial Cmt
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	For 13 3/8" Casing
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	PAGE 1

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Date	Time	Remedial Cmt Attempts	Activity
11/23/2004			12 14" hole 80-150. Lost Returns
11/24/2009			Reamed with 17" bit to 181'. Drilled with 17" bit to 380'. No returns.
11/25/2009			Ran 13 3/8" casing to 380'. Cemented with 400 sacks of Class C. No circ.
	11:00 AM		Ran temp log. TOC per temp log at 88' (false reading). Tagged TOC with 1" workstring at 212'.
	12:30 PM	1	Cemented with 200 sks "C" down 1". WOC 5 hours.
	5:30 PM		Tag cement with 1" at 218'.
	5:45 PM	2	Cemented with 100sks "C" down 1". WOC 4 hours and 15 min.
	10:00 PM	3	Tag cement with 1" at 218'. Pumped 25 sks "C". WOC 3.5 hours.
11/26/2009	1:30 AM	4	Tag cement with 1" at 218'. Pumped 25 sks "C". WOC 5 hours.
	6:30 AM	6	Tag cement with 1" at 218'. Pumped 25 sks "C". WOC 2 hours
	8:15 AM	7	Tag cement with 1" at 218'. Pumped 25 sks "C". WOC 2 hours
	10:15 AM		Tag cement with 1" at 218'.
	2:00 PM		Dumped 1250 gal of pea gravel. TOC at 218'. Dumped more pea gravel in sacks. Built a bridge at 178'.
	2:45 PM	8	Pumped 25 sks "C".
	6:00 PM		TOC at 140'

Continued on Next Page
Probity Operating, LLC OGRID No. 269709

14 I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)

Rached Hindi

Title Vice President - Operations Manager

Signature

Rached Hindi

Date 12/07/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

ACCEPTED FOR RECORD

Approved by

Title

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DEC 8 2009

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898' FSL and 195' FEL
Section 5 T19S, R24E

11. Country or Parish, State
Eddy County, NM

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Date	Time	Remedial Cmt Attempts	Activity
11-26-2009	6:30 PM	9	Pumped 25 sks "C".
	7:45 PM		TOC at 139'
	8:00 PM		Poured 10' of pea gravel
	8:15 PM	10	Cement with 15 sks "C"
	10:00 PM		TOC at 120'
	10:45 PM	11	Cement with 25 sks "C"
	11:45 PM		TOC at 111'
	12:00 PM	12	Cement with 150 sks "C"
	3:15 AM		TOC at 92'
	4:00 AM		Poured 10' of pea gravel
	4:30 AM	13	Cement with 100 sks.
	7:45 AM		TOC 65'
	8:00 AM		Poured 10' of pea gravel
	8:15 AM	14	Cement with 55 sks "C". Cement Circulated.

Probity Operating, LLC OGRID No. 269709

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)

Rached Hindi

Title Vice President - Operations Manager

Signature

Rached Hindi

Date 12/07/2009

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

DEC 8 2009

Date

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BLM NS 1004-D137
Expires: March 31, 2007

5. Lease Serial No.
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2. Name of Operator
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Hoag Tank (Morrow)

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888 FSL and 195 FEL
Section 5 T19S, R24E

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TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other casing addition to cure lost circulation
	<input checked="" type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

It is requested that approval be granted to add a 13 3/8", New, 54.5#, L55, ST&C casing string run to 360' and cemented to surface to isolate lost circulation which was encountered while drilling the 12 1/4" hole at approximately 150'-300'. The 12 1/4" hole will be reamed to 17" to run the 13 3/8" casing.

1 1/2" x 6 1/2" 1100 hours - 17 1/2" hole had already been drilled. SD order/INC. No changes to the BLM approved 8 5/8" surface casing or the 5 1/2" production casing are anticipated. That is, the 13 3/8" will be drilled out with a 12 1/4" inch bit to 1400' and 8 5/8" casing will be run to 1400' and cemented to surface as originally planned. The 8 5/8" casing will be drilled out with a 7 7/8" bit to TD as originally planned and 5 1/2" casing will be run to TD and cemented to surface as originally planned. All the cement and design factors for the 8 5/8" and 5 1/2" casings remain the same.

Additional Casing Design:

Casing Size	Depth Interval	Casing Weight	Grade	Joint	Collapse Factor	Tensile Yield Factor	Burst Factor
13 3/8"	0-360'	48 lb/ft.	H-40	ST&C	4.02	16.77	5.62 (calculated using 14.8 cmt)

Circulate cement to surface with 300% excess:

1st stage - 200 sacks Class "C", 4% gel, 2% CaCl, 1/4% R-38 (defoamer),	13.6 ppg, 1.71 cu.ft/sk, 9.36 gal water/sk to mix.
2nd stage - 200 sacks Class "C", 3% salt, .7% C-43 (gypsum to make thixotropic), 1/4% R-38,	14.2 ppg, 1.46 cu.ft/sk, 7.3 gal water/sk to mix.
3rd stage - 100 sacks Class "C", 2% CaCl, 1/4% R-38,	14.8 ppg, 1.32 cu.ft/sk, 6.3 gal water/sk to mix.

Probity Operating, LLC OGRID No. 269709

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)

Rached Hindi

Title Vice President - Operations Manager

Signature

Rached Hindi

Date 11/23/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Office

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

APPROVED

NOV 24 2009

Date

WESLEY W. INGRAM
PETROLEUM ENGINEER