

Order Number

DHC
HOB-523-A

API Number

30-025-25884

Operator

Apache Corp

County

Lee

Order Date

10/22/13

Well Name

McDonald State Ac2

Number

29

Location

H

UL

13

Sec

225

T (+Dir)

36e

R (+Dir)

Oil %

25%

Gas %

33%

Pool 1

06660

Blindery Oil & Gas

Pool 2

00240

Tubb Oil & Gas

95%

62%

Pool 3

Pool 4

Comments:

11/22/13 Posted RBDMS in

OCT 2.2 2013

30-025-25884

DHC-HDB-523-A

DOWNHOLE COMMINGLE CALCULATIONS:OPERATOR: Apache CorpPROPERTY NAME: McDonald State Ac 2WNULSTR: #20-H, 13-225-36E

SECTION I:	ALLOWABLE AMOUNT	
POOL NO. 1 <u>Blinberry O&G</u>	<u>107</u>	<u>428</u> MCF
POOL NO. 2 <u>Tubb O&G</u>	<u>142</u>	<u>284</u> MCF
POOL NO. 3 _____	_____	_____ MCF
POOL NO. 4 _____	_____	_____ MCF
POOL TOTALS		<u>249</u> <u>712</u>

SECTION II:	Oil	Gas
POOL NO. 1 <u>Blinberry O&G</u>	<u>25%</u>	<u>33%</u>
POOL NO. 2 <u>Tubb O&G</u>	<u>75% X 249 = 186.75</u>	<u>67%</u>
POOL NO. 3 _____	<u><187</u>	
POOL NO. 4 _____		

<u>OIL</u>	<u>GAS</u>
SECTION III: <u>75% ÷ 142 = 189</u>	_____

SECTION IV: <u>25% X 189 = 47.25 <47</u>	_____
<u>75% X 189 = 141.75 <142</u>	_____
_____	_____
_____	_____

HOBBS OGD

OCT 21 2013

RECEIVED

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-025-25884

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

A0-2614-0000

7. Lease Name or Unit Agreement Name

McDonald State AC 2 (306616)

8. Well Number 029

9. OGRID Number

873

10. Pool name or Wildcat

Blinebry O&G(O)/6660&Tubb O&G(O)/60240

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Apache Corporation

3. Address of Operator

303 Veterans Airpark Lane, Suite 3000 Midland, TX 79705

4. Well Location

Unit Letter H : 1800 feet from the North line and 330 feet from the East line

Section 13 Township 22S Range 36E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3452' GL

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐TEMPORARILY ABANDON ☐ CHANGE PLANS ☐PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐DOWNHOLE COMMINGLE ☒* OTHER: AMEND DHC-HOB-523 ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐COMMENCE DRILLING OPNS. ☐ P AND A ☐CASING/CEMENT JOB ☐OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Apache would like to amend DHC-HOB-523 to reverse the percentages for the following pools:

Pool Names:

Blinebry Oil & Gas (Oil)

6660

Perforations:

Blinebry 5460'-5672'

Tubb Oil & Gas (Oil)

60240

Tubb 6225'-6334'

Though the reverse of what is typical in the area, based on well test data, the production increase is attributable to the Tubb formation. Aware that production will still decline overall, we feel this is a better representation of the production split.

	OIL	GAS	WATER
* Blinebry	25%	33%	26%
* Tubb	75%	67%	74%

DHC-HOB-523-A

Spud Date:

4/3/1940

Rig Release Date:

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

SIGNATURE

Reesa Fisher

TITLE Sr. Staff Reg Tech

DATE 10/16/2013

Type or print name Reesa Holland Fisher

E-mail address: Reesa.Holland@apachecorp.com

PHONE: 432/818-1062

For State Use Only

APPROVED BY:

[Signature]

TITLE

Petroleum Engineer

DATE

Conditions of Approval (if any):

OCT 22 2013

OCT 22 2013

Well Test History Report

Page 1 of 1
10/16/2013 2:29:02 pm

Select By: Field

Display: All well tests between 07/01/2013 - 10/14/2013

Test Date	Effective Date	Measured Hours	Type	24 Hour Volumes					Ratios					Fluid Level
				Gr Liquid	OIL	GAS	WAT	LIFT	GOR	GLR	IGOR	IGLR	TGLR	
Field: EUNICE SOUTH														
MCDONALD STATE AC 2 #29 (BLINEBRY) -only														
9/16/2013	9/16/2013	24	A	72	12	12	60	0	1,000	167	0	0	167	
9/17/2013	9/17/2013	24	A	67	11	10	56	0	909	149	0	0	149	
9/18/2013	9/18/2013	24	A	65	10	9	55	0	900	138	0	0	138	
9/19/2013	9/19/2013	24	A	65	9	10	56	0	1,111	154	0	0	154	
9/21/2013	9/21/2013	24	A	139	7	10	132	0	1,429	72	0	0	72	
9/22/2013	9/22/2013	24	A	178	9	6	169	0	667	34	0	0	34	
9/23/2013	9/23/2013	24	A	170	7	6	163	0	857	35	0	0	35	
9/24/2013	9/24/2013	24	A	172	8	7	164	0	875	41	0	0	41	
9/25/2013	9/25/2013	24	A	184	60	48	124	0	800	261	0	0	261	
9/26/2013	9/26/2013	24	A	178	46	60	132	0	1,304	337	0	0	337	
9/28/2013	9/28/2013	24	A	215	50	60	165	0	1,200	279	0	0	279	
9/29/2013	9/29/2013	24	A	274	60	66	214	0	1,100	241	0	0	241	
9/30/2013	9/30/2013	24	A	269	65	61	204	0	938	227	0	0	227	
10/1/2013	10/1/2013	24	A	237	70	55	167	0	786	232	0	0	232	
10/2/2013	10/2/2013	24	A	262	66	54	196	0	818	206	0	0	206	
10/3/2013	10/3/2013	24	A	267	57	63	210	0	1,105	236	0	0	236	
10/4/2013	10/4/2013	24	A	264	59	50	205	0	847	189	0	0	189	
10/5/2013	10/5/2013	24	A	272	61	51	211	0	836	188	0	0	188	
10/6/2013	10/6/2013	24	A	260	60	49	200	0	817	188	0	0	188	
10/7/2013	10/7/2013	24	A	239	52	50	187	0	962	209	0	0	209	
10/8/2013	10/8/2013	24	A	247	54	50	193	0	926	202	0	0	202	
10/10/2013	10/10/2013	24	A	239	49	51	190	0	1,041	213	0	0	213	
10/11/2013	10/11/2013	24	A	249	51	50	198	0	980	201	0	0	201	
10/12/2013	10/12/2013	24	A	236	49	50	187	0	1,020	212	0	0	212	
10/13/2013	10/13/2013	24	A	221	44	48	177	0	1,091	217	0	0	217	
10/14/2013	10/14/2013	24	A	242	43	48	199	0	1,116	198	0	0	198	
Averages by Completion				203	41	40	162	0						

* Tests From 9/25 Forward resulted after bringing on the Tubb.

** All values are recorded using imperial units.