

pNRM 0404340658

C-103 Received 2-10-2004
DHC No. Assigned 2-12-2004

Order Number		API Number	Operator	County			
HOB-0076		30-025-36339	Apache Corporation	Lea			
Order Date		Well Name	Number	Location			
		Hawk A	019	H UL	8 Sec	215 T (+Dir)	37E R (+Dir)
			Oil %	Gas %			
Pool 1	06660	BLinebry Oil+Gas (Oil)	20%	0%			
Pool 2	60240	Tubb Oil+Gas (Oil)	38%	47%			
Pool 3	19190	Drinkard	42%	53%			
Pool 4							
Comments: Work completed effective _____ Work cancelled effective _____ Supplement _____							

2-12-2004

Postel

R B D M L

B

30-025- 36339

HOB-0076

DOWNHOLE COMMINGLE CALCULATIONS:OPERATOR: Apache CorporationPROPERTY NAME: Hawk AWNULSTR: 19-H, 8-21-37

06660
60240

SECTION I:	ALLOWABLE AMOUNT	
POOL NO. 1 <u>Blinebry Oil+Gas (Oil)</u>	<u>107</u>	<u>428</u> MCF 4000
POOL NO. 2 <u>Tubb Oil+Gas (Oil)</u>	<u>142</u>	<u>284</u> MCF 2000
POOL NO. 3 <u>Drinkard</u>	<u>142</u>	<u>852</u> MCF 6000
POOL NO. 4 _____		MCF
POOL TOTALS	<u>391</u>	<u>1564</u>

SECTION II:	Oil	Gas
POOL NO. 1 <u>Blinebry Oil+Gas (Oil)</u>	<u>20%</u>	<u>0%</u>
POOL NO. 2 <u>Tubb Oil+Gas (Oil)</u>	<u>38%</u>	<u>47%</u>
POOL NO. 3 <u>Drinkard</u>	<u>42% X 391 = 164.22</u>	<u>53%</u>
POOL NO. 4 _____		

<u>OIL</u>	<u>GAS</u>
SECTION III: <u>$107 \div 42\% = 254.77 (255)$</u>	_____

SECTION IV: <u>$255 \times 20\% = 51 (51)$</u>	_____
<u>$255 \times 38\% = 96.90 (97)$</u>	_____
<u>$255 \times 42\% = 107.10 (107)$</u>	_____
_____	_____

State of New Mexico
Energy, Minerals and Natural Resources

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

FORM C-103
Revised March 25, 1999

SUNDRY NOTICES AND REPORTS ON WELLS		WELL API NO. 30-025-36339	
(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.)		5. Indicate Type of Lease ☐ STATE ☐ FEE	
		6. State Oil & Gas Lease No.	
1. Type of Well: ☒ OIL WELL ☐ GAS WELL ☐ OTHER		7. Lease Name or Unit Agreement Name Hawk A	
2. Name of Operator Apache Corporation		8. Well No. 19	
3. Address of Operator 6120 South Yale, Suite 1500 Tulsa, Oklahoma 74136-4224		9. Pool name or Wildcat Blinebry O&G, Tubb O&G, Drinkard	
4. Well Location Unit Letter <u>H</u> : <u>1420</u> Feet From The <u>North</u> Line and <u>150</u> Feet From The <u>East</u> Line Section <u>8</u> Township <u>21S</u> Range <u>37E</u> NMPM Lea County			
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3509' GR			

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

NOTICE OF INTENTION TO: ☐ Perform Remedial Work ☐ Temporarily Abandon ☐ Pull or Alter Casing ☒ Other Downhole Commingle ☐ Plug and Abandon ☐ Change Plans	SUBSEQUENT REPORT OF: ☐ Remedial Work ☐ Commence Drilling Operations ☐ Casing Test and Cement Job ☐ Other ☐ Altering Casing ☐ Plug and Abandonment
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12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Per Order R-11363, Apache Corporation respectfully requests authorization to downhole commingle the designated pools.

		Perforations:
Blinebry	6660	5675-6122
Drinkard	19190	6556-6735
Tubb	60240	6231-6476

The allocation method will be as follows:

	Oil	Alloc. %	Test: Gas	48 x 92 x 40 Alloc. %	Water	Alloc. %
Blinebry	10	20%	0	0%	0	0%
Drinkard	20	42%	49	53%	24	59%
Tubb	18	38%	43	47%	16	41%
	48		92		40	

Downhole commingling will not reduce the value of these pools.

Ownership is the same for each of these pools.

The Bureau of Land Management has been notified of this request.

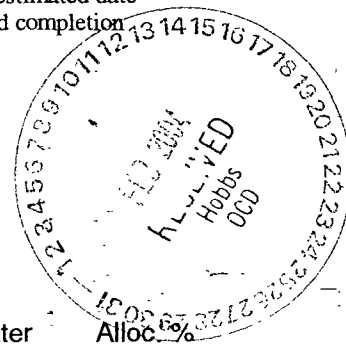
DHC Order No. HOB-0076

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

SIGNATURE Kara Coday TITLE Sr. Engineering Technician DATE 2/3/2004

TYPE OR PRINT NAME Kara Coday TELEPHONE NO. 918-491-4957

APPROVED BY Paul F. Kautz TITLE PETROLEUM ENGINEER DATE FEB 12 2004



May-21-2003 01:37pm

FROM-APACHE CORP DRILL

EXHIBIT D-1

4868

T-557 P.001/004 F-145

P.O. Box 1000, Santa Fe, NM 87504-1000

Energy, Minerals and Natural Resources Department

Form O-102

Revised February 18, 1994

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

DISTRICT II

P.O. Box 1000, Santa Fe, NM 87504-1000

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT III

1000 Elbe Avenue Ed., Arbores, NM 87410

DISTRICT IV

P.O. Box 1000, Santa Fe, NM 87504-1000

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-36339	Pool Code (1919)06660/60240	Pool Name Drinkard/Blaine Oil & Gas/Tubb Oil & Gas (Oil)
Property Code 2442.6	Property Name HAWK "A"	Well Number 19
OGNIS No. 873	Operator Name APACHE CORPORATION	ELEVATION 3509'

Surface Location

UL or lot No.	Section	Township	Range	Lot No.	Feet from the	North/South line	Feet from the	East/West line	County
H	8	21-S	37-E		1420'	NORTH	150'	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot No.	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40.00			NSL-4924

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

	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature: <i>Larry E. Rader</i> Printed Name: Larry E. Rader Title: Tech. Coordinator-Dry Date: 5/21/03
GEODETIC COORDINATES NAD 27 NME Y = 846480.2 X = 856844.8 LAT. 32°38'48.52"N LONG. 103°10'33.41"W	SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date Surveyed: April 30, 2003 Signature: <i>Ronald E. Ebbson</i> Printed Name: Ronald E. Ebbson Title: Professional Surveyor State: NEW MEXICO License No.: 03.11.0450 Expiration Date: 5/02/03