

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-HOBB RECEIVED

NOV 12 2009

FORM APPROVED
OMB No. 1004-0137
Expires July 31, 2010

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.**

5. Lease Serial No
NMNM 80650
6. If Indian, Allottee or Tribe Name
NA

SUBMIT IN TRIPLICATE – Other instructions on page 2.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Apache Corporation

3a. Address
6120 S Yale Ave, Suite 1500
Tulsa, OK 74136-4224

3b. Phone No (include area code)
918-491-4864

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

8. Well Name and No.
Pall Mall #002

9. API Well No.
30-025-39530

4. Location of Well (Footage, Sec., T, R., M., or Survey Description)
400' FNL & 330' FEL
UL A, Sec 14, T 20S, R 38E

10. Field and Pool or Exploratory Area
House; Blinebry / House; Tubb / House; Drinkard

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

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other DHC
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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 recompleate 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 recompleation 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.)

Pursuant to Division Order R-11363:

Pool Names

Proposed Perforations

House; Blinebry 33230
House; Tubb 78760
House; Drinkard 33250

Blinebry 6008' - 6490'
Tubb 6500' - 6800'
Drinkard 6840' - 7050'

The allocation method will be as follows based on offset production (see attached supporting documentation):

	Oil	Gas	Water
Blinebry	44%	46%	61%
Tubb	20%	24%	19%
Drinkard	36%	30%	20%

**SUBJECT TO LIKE
APPROVAL BY STATE**

Downhole commingling will not reduce the value of these pools. Ownership is the same for each of these pools.

DHC-HOB-0348

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Sophie Mackay

Title Engineering Technician

Signature

Sophie Mackay

Date 11/02/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

DISTRICT 1 SUPERVISOR

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.

APPROVED

NOV 7 2009

Date

WESLEY W. INGRAM
PETROLEUM ENGINEER

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)



October 29, 2009

Wesley Ingram
Bureau of Land Management
620 E Greene Street
Carlsbad, New Mexico 88220

RE: Application for Exception for Downhole Commingling
Pall Mall #2 - House Field – API 30-025-39530
Unit A, Section 14, T-20-S, R-38-E
Blinebry, Tubb, and Drinkard Pools
Lea County, New Mexico

Mr. Ingram:

I am proposing to use offset production allocation data to determine the allocation percentages used when downhole commingling the Blinebry, Tubb, and Drinkard Oil & Gas pools. I have enclosed the administrative application form (C-103) and attachments used to determine the new allocation method proposed for the Pall Mall #2 completion. The ownership (WI, NRI, and ORRI) of these pools are identical in this well. The fluids from each of these three zones are compatible as seen in other surrounding commingled wells in this area. Commingling these fluids together will not damage the wellbore nor have any impact on the value of the total remaining production. The wells in this area are operated by a production lift system which maximizes production by keeping the well pumped off. This system can easily handle crossflow without encountering any problems. Overall, commingling will improve the efficiency of our present and future recovery operations.

This allocation method was found by calculating the cumulative and average production data for each individual zone in a nine section area surrounding the Pall Mall #2. By analyzing the average oil, gas, and water production for the Blinebry, Tubb, and Drinkard pools, I was able to calculate the percentage production allocation for each zone. Please refer to the attached spreadsheets for my calculations. It is also noted that you approved the same allocation method for three other nearby offsets.

Thank you. If you have any questions or comments please contact me at (918) 491-4982 or e-mail at jeff.frederick@apachecorp.com.

Respectfully Submitted,

A handwritten signature in dark ink, appearing to read "J. Frederick", written over a horizontal line.

Jeff Frederick, P.E.
Production Engineer

Enclosures

Lease Name	Well Number	10DIGITAPI	Location	Cum Oil (BBL)			Cum Gas (MCF)			Cum Water (BBL)		
				Blinbry	Tubb	Drinkard	Blinbry	Tubb	Dnnkard	Blinbry	Tubb	Drinkard
ARNOLD A	1	3002507761	11F 20S 38E	0	27025	670	0	1352396	0	0	4442	0
HOUSE B	1	3002507764	11P 20S 38E	0	9855	0	0	118752	0	0	0	0
BLANKENSHIP	1	3002507766	12E 20S 38E	0	0	54657	0	0	16638	0	0	7010
BLANKENSHIP	2	3002507767	12L 20S 38E	3791	0	134312	9124	0	1177187	2063	0	37126
BLANKENSHIP	3	3002507768	12M 20S 38E NE SW SW	4252	8553	39616	26660	45412	2435461	2879	14635	22235
CONE A	1	3002507770	12F 20S 38E	0	16597	206383	0	65480	235977	0	56289	83804
CONE B	1	3002507771	12J 20S 38E	0	0	239833	0	0	591551	0	0	69199
HESTER 12	3	3002507772	12O 20S 38E	0	0	150171	0	0	853402	0	0	32702
HESTER 12	2	3002507773	12N 20S 38E	0	0	82932	0	0	540453	0	0	17896
HESTER 12	1	3002512549	12K 20S 38E	0	0	97448	0	0	457760	0	0	16669
CROWN	1	3002520195	13B 20S 38E NW NW NE	0	7394	57149	0	36422	687081	0	0	11360
HOWSE C	1	3002522165	11H 20S 38E SE NE	0	0	26370	0	0	143078	0	0	6340
LINDA FEDERAL	1	3002524724	23K 20S 38E C NE SW	52844	84828	0	435046	495764	0	34966	28661	0
LINDA FEDERAL	2	3002525758	23L 20S 38E	21514	0	0	147797	0	0	16681	0	0
LINDA FEDERAL	3	3002525759	23E 20S 38E	3866	0	0	38006	0	0	2158	0	0
LINDA FEDERAL	4	3002525760	23F 20S 38E	26867	0	0	174323	0	0	25542	0	0
LLANO FEDERAL	1Y	3002525870	23M 20S 38E	72865	0	0	166356	0	0	265977	0	0
CONE B	2	3002525921	12G 20S 38E	0	0	398	0	0	86772	0	0	1460
LINDA FEDERAL	5	3002526043	23N 20S 38E SE SW	16074	45943	0	25210	236083	0	7262	28732	0
TUBB WF	70	3002526841	22P 20S 38E	14229	0	0	56448	0	0	38976	0	0
SIMS FEDERAL	1	3002527653	23O 20S 38E	52129	25547	0	178954	54779	0	34636	7192	0
KYTE	1	3002530793	23J 20S 38E C NW SE	72854	2377	7740	284114	10395	8472	62997	7455	13508
HOUSE	1	3002531006	13D 20S 38E NW NW	32729	117	35783	760019	6434	515800	15436	0	13278
FEDERAL 24	1	3002533182	24M 20S 38E C SW SW	16579	71787	0	69246	528829	0	17603	30347	0
KYTE	3	3002533427	23I 20S 38E C NE SE	30860	74826	0	117275	388951	0	11451	8955	0
KYTE	4	3002533683	23H 20S 38E C SE NE	33878	18153	0	270433	65286	0	50530	42531	0
PAYDAY	1	3002533706	24L 20S 38E	66670	87096	0	417557	656480	0	40751	34232	0
FEDERAL 24	2	3002533779	24N 20S 38E C SE SW	24818	22708	0	84418	114509	0	20610	32390	0
PAYDAY	2	3002533833	24K 20S 38E	30197	0	0	398715	0	0	37185	0	0
NMFU FEDERAL	1	3002533836	23P 20S 38E C SE SE	22598	28950	0	111044	122020	0	30687	52619	0
M & M	1	3002533837	24E 20S 38E	18097	36336	0	338859	663511	0	48341	48562	0
M & M	2	3002533879	24F 20S 38E	45102	0	0	405262	0	0	27117	0	0
M & M	3	3002533880	24D 20S 38E	40488	0	0	543406	0	0	26184	0	0
KYTE	5	3002533927	23G 20S 38E C SW NE	20966	4379	0	218859	42618	0	36725	25821	0
M & M	4	3002534018	24C 20S 38E	40357	0	0	436441	0	0	32180	0	0
SHARPS	1	3002534060	13M 20S 38E	37211	0	0	196372	0	0	34600	0	0
SHARPS	2	3002534061	13N 20S 38E	31691	0	0	133353	0	0	28528	0	0
FEDERAL 24	4	3002534104	24P 20S 38E S2 SE SE	12987	269	0	55092	589	0	26048	7757	0
KYTE	7	3002534107	23A 20S 38E SE NE NE	29283	0	0	734203	0	0	37197	0	0
TERRY	1	3002534157	24G 20S 38E SW NE	13943	24148	0	147858	16282	0	27868	21026	0
JOE CAMEL	1	3002534160	13K 20S 38E NE SW	36736	0	0	63366	0	0	59531	0	0
BULL DURHAM	1	3002534187	14P 20S 38E S2 SE SE	46299	4790	0	1053007	0	0	40927	447	0
FEDERAL 24	5	3002534199	24J 20S 38E C NW SE	14496	21547	0	70050	285875	0	10512	38434	0
FEDERAL 24	6	3002534200	24I 20S 38E S2 NE SE	6635	2853	8178	24050	10176	28867	20557	6449	21170
JOE CAMEL	2	3002534211	13F 20S 38E SW SE NW	18061	859	0	58569	2001	0	36898	321	0
CAPPS FEDERAL	1	3002534267	24B 20S 38E C NW NE	32681	0	0	207756	0	0	29169	0	0
DIAMONDBACK	1	3002534274	14J 20S 38E NW SE	28888	0	0	192404	0	0	31199	0	0
PEARL	1	3002534275	13J 20S 38E NW SE	10968	0	0	33710	0	0	26029	0	0
LUCKY STRIKE	1	3002534285	14I 20S 38E NE SE	76107	0	0	1040798	0	0	68515	0	0
CAPPS FEDERAL	2	3002534289	13O 20S 38E SW SE	32173	6814	0	140472	41438	0	24344	9266	0
KYTE	8	3002534296	23B 20S 38E NW NE	20704	1406	0	346914	8254	0	36207	5125	0
BULL DURHAM	2	3002534363	14O 20S 38E SW SE	53630	25	0	315247	182	99	53796	0	0
CHESTERFIELD	1	3002534420	14H 20S 38E SE NE	26110	0	0	734103	37172	3664	36636	0	0
KYTE	9	3002534457	23C 20S 38E C NE NW	12491	0	0	48934	0	0	34984	0	0
BUGLER	1	3002534506	13L 20S 38E NW NW SW	72031	413	0	426686	55843	0	37719	316	0
MOONEY	1	3002534569	13I 20S 38E NE SE	0	0	21264	0	0	31055	0	0	91044
PAIGE	1	3002534570	13P 20S 38E SE SE	7157	0	18663	14444	0	28766	16068	0	26466
VICEROY	1	3002534625	13E 20S 38E SW NW	29720	0	0	497293	0	0	75010	0	0
PALL MALL	1	3002534634	14A 20S 38E NE NE	0	0	29665	0	0	336474	0	0	73482
KOOL	1	3002534642	14B 20S 38E NW NE	35986	407	2436	327310	1878	3007	34773	0	0
PICAYUNE	1	3002534734	11J 20S 38E C NW SE	0	12856	24017	193	63583	369081	0	0	17895
ROITAN	1	3002534735	14G 20S 38E SW NE	23698	3871	0	567462	83613	0	53256	0	0
MARLBORO	1	3002534968	14C 20S 38E S2 NE NW	579	0	0	6692	0	0	0	0	0
GINGER MC	1	3002535203	24A 20S 38E SW NE NE	3034	0	0	19095	0	0	6883	0	0
MERIT	1	3002535240	11O 20S 38E E2 SW SE	0	9027	0	0	564424	0	0	7350	0
BEECHNUT	1	3002535241	14E 20S 38E SE SW NW	540	0	0	2239	0	0	0	0	0
MERIT II	1	3002535448	11G 20S 38E C SW NE	1485	15873	21816	6848	24740	150566	0	11887	19464
DUKES	1	3002535614	11K 20S 38E E2 NE SW	0	7818	28814	0	38544	120251	0	8390	26341
DIXIE QUEEN	1	3002536421	11P 20S 38E S2 SE SE	0	6860	0	0	482762	0	0	0	0
BIG KICK	1	3002536745	13C 20S 38E W2 NE NW	13396	639	9213	200614	10082	62948	2410	0	2526
HESTER 12	6	3002536795	12N 20S 38E SW SE SW	23728	7353	8428	295604	163203	50078	20242	4795	4301
HESTER 12	4	3002536800	12O 20S 38E SW SW SE	14299	3628	3223	248388	90941	82478	30000	0	1771
JOE CAMEL	3	3002538033	13F 20S 38E NW SE NW	3226	1446	890	158200	132375	32284	4678	1271	735
HESTER 12	8	3002538076	12K 20S 38E SW NE SW	10716	2920	2798	109593	69730	44221	7818	8821	3409
M & M	5	3002538112	24C 20S 38E NE NE NW	2073	3434	0	15536	20930	0	3913	8343	0
HESTER 12	5	3002538211	12P 20S 38E NW SE SE	16621	4620	8651	158147	65948	61479	31425	4884	0
HESTER 12	7	3002538369	12N 20S 38E NE SE SW	4732	5512	2039	40486	38426	21525	13075	6563	7512
MELOT	1	3002538370	11C 20S 38E SW NE NW	3212	4130	1834	33069	25720	14700	15808	15358	14005
BULL DURHAM	3	3002538379	14P 20S 38E NE SE SE	5057	5302	0	51469	36731	0	613	0	0
M & M	6	3002538380	24E 20S 38E SW SW NW	3374	3540	0	31570	77023	0	9306	6881	0
PAYDAY	3	3002538381	24L 20S 38E SW NW SW	4998	3206	0	38073	20652	0	11977	1639	0
BLANKENSHIP	4	3002538397	12L 20S 38E NE NW SW	2020	2172	4816	9176	15416	17122	6937	2869	2153
BLANKENSHIP	5	3002538399	12M 20S 38E SW SW SW	9264	3331	4067	34953	60020	180026	13718	3048	2288
BLANKENSHIP	6	3002538400	12L 20S 38E SW NW SW	5330	3687	825	22301	1122	40375	4779	351	6524
KOOL	2	3002538439	14B 20S 38E SW NW NE	5682	873	456	10073	16721	0	0	0	0

Lease Name	Well Number	10DIGITAPI	Location	Cum Oil (BBL)			Cum Gas (MCF)			Cum Water (BBL)		
				Blinbry	Tubb	Dnnkard	Blinbry	Tubb	Dnnkard	Blinbry	Tubb	Dnnkard
RHINO	2	3002538484	11N 20S 38E SE NE SW	6622	1751	3503	17974	11856	0	0	0	0
MAGNOLIA	1	3002538660	11E 20S 38E NE SW NW	3772	3219	2243	51486	9771	9635	13478	1784	21218
DIXIE QUEEN	2	3002538661	11P 20S 38E NE SE SE	6721	1772	1737	27270	11850	15962	0	0	0
HESTER 12	10	3002538662	12O 20S 38E NE SW SE	2851	58	461	17265	1224	3269	16856	648	1686
HESTER 12	11	3002538663	12P 20S 38E SW SE SE	1007	818	1455	54416	52800	4937	4393	5494	2887
BIG KICK	2	3002538664	13C 20S 38E SE NE NW	5168	832	2049	14519	0	36310	24921	9765	3253
HOUSE	2	3002538665	13D 20S 38E SE NW NW	3311	1424	0	19875	1707	0	0	0	0
M & M	7	3002538666	24E 20S 38E NE SW NW	791	221	0	4076	1079	0	3321	796	0
PAYDAY	4	3002538667	24L 20S 38E NE NW SW	3155	6198	0	6033	31142	0	5904	5558	0
LUCKY STRIKE	2	3002538668	14I 20S 38E SW NE SE	2374	303	0	12259	1370	0	0	0	0
BUGLER	2	3002538669	13L 20S 38E SW NW SW	3314	202	0	27386	2559	0	8984	822	0
MELOT	2	3002538700	11C 20S 38E NW NE NW	9867	2615	1027	24697	3612	10536	11904	10966	8223
HESTER 12	9	3002538791	12K 20S 38E NE NE SW	1187	775	2409	25797	3826	2754	13680	4236	6945
MAGNOLIA	2	3002539090	11D 20S 38E NE NW NW	559	179	1501	25507	13912	37875	6731	1442	1442
TOTALS				1,640,375	768,465	1,352,140	14,965,904	7,711,225	9,549,976	2,063,062	645,965	699,327
AVERAGES				16,569	7,762	13,658	151,171	77,891	96,464	20,839	6,525	7,064

Proposed Allocations	Oil	Gas	Water
Blinbry	44%	46%	61%
Tubb	20%	24%	19%
Dnnkard	36%	30%	21%
TOTAL	100%	100%	100%