

Order Number

DHC
HDB-38.4

API Number

30-025-39.558

Operator

Apache Corp

County

Lee / Fee

Order Date

6/03/10

Well Name

Mark Owen

Number

5

Location

L

UL

35

Sec

215

T (+Dir)

37

R (+Dir)

Oil %

26%

Gas %

38%

WTR

52%

Pool 1

06660

Blindbry O&G (OIL)

Pool 2

60240

Tubb O&G (OIL)

12%

35%

20%

Pool 3

19190

Drinkard

62%

27%

28%

Pool 4

Comments:

Posted RBDMS 4m 6/8/10

DOWNHOLE COMMINGLE CALCULATIONS:

OPERATOR: Apache Corp

PROPERTY NAME: Mark Owen

WNULSTR: #5-L, 35-21s-370

DHC-HOB-384
API # 30-025-39558

SECTION I:

POOL NO. 1 Blinberry D+G <OIL>

ALLOWABLE AMOUNT

107 428 MCF 4000

POOL NO. 2 Tubbs D+G <OIL>

142 284 MCF 2000

POOL NO. 3 Drinkard

142 852 MCF 6000

POOL NO. 4 _____

POOL TOTALS 391 1564 MCF

SECTION II:

POOL NO. 1 Blinberry D+G <OIL>

OIL GAS
26% 38%

POOL NO. 2 Tubbs D+G <OIL>

12% 35%

POOL NO. 3 Drinkard

62% x 391 = 242.42 27%
<242>

POOL NO. 4 _____

OIL

GAS

SECTION III:

62% ÷ 142 = 229.03 <229>

SECTION IV:

26% x 229 = 59.54 <60>

12% x 229 = 27.48 <27>

62% x 229 = 141.98 <142>

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S St. Francis Dr., Santa Fe, NM 87505

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JUN 03 2010
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OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-025-39558 ✓
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No. NA
7. Lease Name or Unit Agreement Name Mark Owen ✓
8. Well Number 005 ✓
9. OGRID Number 873 ✓
10. Pool name or Wildcat Bli O&G (Oil) / Tubb O&G (Gas) / Drinkard

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 6120 S Yale Avenue, Suite 1500, Tulsa, OK 74136-4224	
4. Well Location Unit Letter <u>K</u> : 1460 feet from the South line and 1510 feet from the West line Section 35 Township 21S Range 37E NMPM County Lea ✓	
11. Elevation (Show whether DR, RKB, RT, GR, etc) 3374' GR	

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: ☐	SUBSEQUENT REPORT OF: REMEDIAL WORK ☐ ALTERING CASING ☐ COMMENCE DRILLING OPNS. ☐ P AND A ☐ CASING/CEMENT JOB ☐ OTHER: ☐
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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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion. R-11363

Pool Names:

Blinebry Oil & Gas (Oil) 6660
Tubb Oil & Gas (Gas) 88440
Drinkard 19190

Proposed Perforations:

Blinebry 5,394' - 5,702'
Tubb 5,942' - 6,208'
Drinkard 6,382' - 6,524'

The allocation method will be as follows based on offset production (See attached application for exception to Rule 303-C).

	OIL	GAS	Water
Blinebry	26%	38%	52%
Tubb	12%	35%	20%
Drinkard	62%	27%	28%

DHC-HOB-384

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

Spud Date: 03/07/2010

Rig Release Date: 03/19/2010

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

SIGNATURE S. Mackay TITLE Engineering Technician DATE 06/02/2010

Type or print name Sophie Mackay E-mail address sophie.mackay@apachecorp.com PHONE: 918-491-4864

For State Use Only

APPROVED BY: [Signature] TITLE PETROLEUM ENGINEER DATE JUN 03 2010

Conditions of Approval (if any):



June 1, 2010

Mr. Paul Kautz
New Mexico Oil Conservation Division
1625 N French Drive
Hobbs, New Mexico 88240

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JUN 03 2010

HOBBSOCD

RE: Application for Exception to Rule 303-C – Downhole Commingling
Mark Owen #5
Unit K, Section 35, T-21-S, R-37-E
Blinebry Oil & Gas (Oil), Tubb Oil & Gas (Gas) & Drinkard
Lea County, New Mexico

Dear Mr. Kautz,

Enclosed please find form C-103 and attachments for downhole commingling the captioned well. The ownerships (WI, NRI and ORRI) of these pools are identical in this wellbore. The fluids from each of these pools are compatible as seen in other similar commingles in the area. Combining these fluids will not result in any damage to these pools. Commingling will improve the efficiency of present and future recovery operations. Cross flow will not be a problem due to having a production lift system capable of keeping the well pumped off thereby maximizing production. This commingling will not reduce the value of the total remaining production.

The allocation method used for this well was determined by analyzing the cumulative oil, gas and water production in a nine section area of review surrounding this well. Supporting documentation is shown on the attached spreadsheet. Production for active and inactive wells was grouped by pool in the area of review. The totals for each phase were then divided by the number of wells associated with this pool yielding an average. This average was used to determine the percentage allocation.

The main reason for using this method is based on economics and minimizing reservoir damage. Past completion practices had all three zones perforated and fracture stimulated during one full week. Each zone was isolated by a retrievable bridge plug to allow for production testing of each zone for allocation purposes. This testing period lasted as long as one month before a stabilized rate was observed thus allowing the next zone to be brought on and tested. During this time period the completion fluids used were still confined to the other reservoirs causing gel damage. It is a common practice to get these fluids out of the wellbore as soon as possible to help maximize productivity. On a cost basis it is more expensive to have a completion rig move in and out multiple times to bring on each new zone. Several other factors such as weather, other new completions and regulatory well work may interfere with these new wells.

The area of review used encompasses what has been accepted as a good statistical representation for allocation purposes. By using this allocation method all zones will be brought online in a more effective and efficient manner. This will in turn generate a higher productive rate and quicker revenue streams not only for the operator but for the State of New Mexico too.

If you need additional information or have any questions, please give me a call at (918) 491-4864.

Sincerely,

A handwritten signature in black ink, appearing to read 'S. Mackay', with a stylized flourish at the end.

**Sophie Mackay
Engineering Technician**

Lease Name	Well Number	10DIGITAPI	Location	Cum.Oil (BBL)		Cum Gas (MCF)		Cum Water (BBL)	
				Blinbry	Tubb	Blinbry	Tubb	Blinbry	Tubb
SARKEYS	2	3002506779	25D 21S 37E	36151	22081	1203220	617978	20529	5304
EVA OWENS A	1	3002506780	25M 21S 37E	81394	85872	6959	3315847	2566529	15218
SARKEYS	1	3002506781	25E 21S 37E	38865	34745		1272975	533920	30350
CHEVRON S E CONE	1	3002506783	26K 21S 37E	145675	4521	111350	3439098	183036	1239119
SARKEY A	1	3002506784	26G 21S 37E	175575		101864	3610567	2590484	26536
S J SARKEYS	1	3002506785	26B 21S 37E	115465	8064	9822	2781712	2436159	18957
S E CONE	1	3002506786	26J 21S 37E	55459	28850	120059	2763775	1773695	1149923
J R CONE AB	1	3002506787	26M 21S 37E C SW SW	89078	10308	102397	4231221	802331	1196783
J R CONE A	2	3002506788	26L 21S 37E C NW SW	64853	15914	91324	817101	1262878	3886999
J R CONE B	1	3002506789	26N 21S 37E	29185	1432	104762	767022	4721094	2033
ELMER C HILL	1	3002506790	26P 21S 37E	120447			1260594		7299
S J SARKEYS	1	3002506791	26E 21S 37E C SW NW	58878	21380	120420	1439301	2492427	3159081
S J SARKEYS 26	2	3002506792	26D 21S 37E C NW NW	332022		116633	4667205		1546941
S J SARKEYS	3	3002506793	26C 21S 37E C NE NW	105402		108245	4525774		1167335
S J SARKEYS	4	3002506794	26F 21S 37E	91391	25963	78934	3304159	2477251	
LOCKHART A 27	10	3002506795	27G 21S 37E		45009	242949		2754787	2117920
LOCKHART A 27	12	3002506796	27D 21S 37E NW NW NW	1428	31102	128	13128	5368406	2038
LOCKHART A 27	11	3002506797	27H 21S 37E	99423		103538	3960757		3119652
LOCKHART A 27	1	3002506800	27C 21S 37E NW NE NW	29004	678	1958	565984	15611	45707
LOCKHART A 27	9	3002506802	27E 21S 37E			182022			3159907
LOCKHART A 27	5	3002506803	27A 21S 37E	31968		85089	8894163		3242016
LOCKHART A 27	6	3002506804	27B 21S 37E			76990			1327329
LOCKHART A 27	8	3002506805	27D 21S 37E S2 NW NW	38895		112649	3805998		623112
LOCKHART A 27	7	3002506806	27C 21S 37E			126871			949019
LOCKHART A 27	3	3002506807	27E 21S 37E W2 SW NW	361			47485		814
F F HARDISON B	5	3002506808	27O 21S 37E C NE SE	4247	9183	199191	900	876985	1417291
F F HARDISON B	6	3002506809	27J 21S 37E NW SE	17965		208910	226080		1439846
F F HARDISON B	7	3002506810	27P 21S 37E	5399	15675	210147	3526745	1617160	2301632
F F HARDISON B	8	3002506811	27I 21S 37E	40082		258742	6546874		986919
MARSHALL B	2	3002506819	27M 21S 37E SW SW		27667	177192		3330662	1323595
MARSHALL B	3	3002506820	27K 21S 37E NE SW		3200	79588		198009	1835181
W S MARSHALL B	4	3002506821	27L 21S 37E C NW SW	28285		164569	7126051		726561
MARSHALL B	7	3002506822	27L 21S 37E NW NW SW		1685			174343	
W S MARSHALL B	2	3002506824	27M 21S 37E		21675			3198585	
MARSHALL B	8	3002506825	27L 21S 37E	29209			96710		
MARSHALL B	9	3002506826	27K 21S 37E NW NE SW	67206			678875		
J R CONE B	2	3002506860	26O 21S 37E	109043		202964	2870943		1230250
OWEN B	1	3002506996	34M 21S 37E	5376		107962	357938		1637614
OWEN B	2	3002506997	34L 21S 37E		77765	212530		5856260	1517865
OWEN B	3	3002506998	34K 21S 37E			198875			1925439
OWEN B	4	3002506999	34N 21S 37E	77103		187369	10259807		279065
OWEN B	2	3002507000	34L 21S 37E		78621			6953142	
MARK OWEN	4	3002507003	34J 21S 37E	7717	4763	153973	1272133	554425	208
MARK OWEN	5	3002507004	34P 21S 37E	3889	33716	187754	612027	3337338	3208619
MARK OWEN	6	3002507005	34O 21S 37E SW SW SE	42903	403	171900	3190533	90285	2365710
F F HARDISON B	1	3002507008	34H 21S 37E	34477	2473	193329	1474543	130730	538950
F F HARDISON B	2	3002507009	34A 21S 37E	66502	10398	178726	1247055	505314	
F F HARDISON B	3	3002507010	34G 21S 37E SE SW NE	17575	20	187981	808913	68691	828125
F F HARDISON B	4	3002507011	34B 21S 37E	60558		239828	5503737		2043390
MARSHALL COM	2	3002507012	34F 21S 37E SE NW	11417		127908	1122517		2323478
MARSHALL COM	1	3002507013	34E 21S 37E E2 SW NW	6514		141717	524827		1606602
MARSHALL COM	3	3002507014	34D 21S 37E	42033		101562	4942346		2993082
MARSHALL COM	5	3002507016	34C 21S 37E	7899	12699	173945	240607	2871566	597690
OWEN	1	3002507021	35P 21S 37E SE SE	45749		222562	278469		1151266
MARK OWEN	3	3002507022	34I 21S 37E	23791		172418	3944534		3063568
OWEN	2	3002507023	35O 21S 37E	3213		226436	1338499		815187
OWEN	3	3002507024	35J 21S 37E	9247	36802	205046	194445	2821039	1236600
OWEN	7	3002507028	35I 21S 37E	63028		212012	539901		572101
LOCKHART B 35	1	3002507029	35G 21S 37E	59047	88383	113118	420028	5302334	550309
LOCKHART A 35	1	3002507030	35D 21S 37E	39881		211348	3265007		888086
LOCKHART A 35	2	3002507031	35F 21S 37E	74739	6732	191681	683971		20284
LOCKHART A 35	3	3002507032	35C 21S 37E	49283	22692	169925	1642329	2727813	2957566
LOCKHART B 35	2	3002507033	35B 21S 37E	61575		151317	1920456		25025
LOCKHART B 35	3	3002507034	35H 21S 37E	62518	13296	188555	900480	203025	964461
LOCKHART B 35	4	3002507035	35A 21S 37E SW NE NE	82404	2227	191362	815969	60740	1181779
E M ELLIOTT	1	3002507036	35E 21S 37E	52549		226751	5201668		2067140
MARK OWEN	1	3002507037	35L 21S 37E NW SW		3354	252471		1677826	2540600
MARK OWEN	2	3002507038	35M 21S 37E	43874		140105	5152087		2119834
MARK OWEN	3	3002507039	35N 21S 37E	18859	36639	128295	1846584	4548741	1533276
MARK OWEN	4	3002507040	35K 21S 37E	21627		178243	1011551		2263486
STATE 367	1	3002507043	36M 21S 37E C SW SW	56067		212261	2449212		3739023
STATE 367	2	3002507044	36L 21S 37E C NW SW	67815		200846	1716955		2544129
STATE 367	3	3002507045	36K 21S 37E C NE SW	48235	44863	25737	3192625	1235749	
STATE Q	1	3002507046	36N 21S 37E	46671	113914	113914	1842471		3338087
STATE C TR 13	8	3002507050	36D 21S 37E	10493	20545	26353		1209499	
STATE C TR 13	5	3002507051	36E 21S 37E	41003	4288	138724	7241245	3713195	
MARSHALL B	1	3002509934	27N 21S 37E	40842		167235	921376		1551522
ALICE PADDOCK	3	3002509936	1P 22S 37E	22645	95522		124456	6718126	
ANNIE CHRISTMAS	1	3002509937	1N 22S 37E SE SW	26665		36423	1077829		686656
ALICE PADDOCK	1	3002509938	1O 22S 37E	62342			3301999		20784
ALICE PADDOCK	2	3002509939	1J 22S 37E C NW SE	84495			1904952		17938
ALICE PADDOCK	4	3002509940	1G 22S 37E C SW NE	59367	3289		732122	81169	
ALICE PADDOCK	5	3002509941	1I 22S 37E	49349	51823		1661933	3308905	
WALTER LYNCH	1	3002509942	1K 22S 37E NE SW	56676		76330	1385125		1023045
WALTER LYNCH	2	3002509943	1L 22S 37E	62278		22922	1576600		960160

Lease Name	Well Number	10DIGITAPI	Location	Cum Oil (BBL)		Cum Gas (MCF)		Cum Water (BBL)	
				Blinbry	Tubb	Blinbry	Tubb	Blinbry	Tubb
WALTER LYNCH	3	3002509944	1M 22S 37E SW SW	77000	46571	1584471	2467145	8074	13744
LYNCH CHRISTMAS COM	4	3002509945	1L 22S 37E	31014	23044	9163963	4664276	59	893
WALTER LYNCH	4	3002509949	1D 22S 37E	55415	34494	9533643	7222052	10070	2246
WALTER LYNCH	5	3002509950	1 22S 37E C NE NW	16299		330800		7292	
NEW MEXICO S STATE	7	3002509956	2N 22S 37E	3687		635179		1554	
NEW MEXICO S	12	3002509961	2A 22S 37E	82841	3576	166902	4658640	50108	2225615
NEW MEXICO S STATE	13	3002509962	2 22S 37E		35023	194659	5406711	3561484	2583
NEW MEXICO S STATE	14	3002509963	2C 22S 37E	79694		163176	6206629	2778023	13985
NEW MEXICO S STATE	16	3002509965	2D 22S 37E					648532	
NEW MEXICO S STATE	20	3002509969	2E 22S 37E		32918	100076	5348012	2293588	5422
NEW MEXICO S	21	3002509970	2L 22S 37E	34344	20318	12969	8712459	3884213	3912
NEW MEXICO S	22	3002509971	2M 22S 37E	99951		167921	2865913	1100677	15845
BRUNSON B	3	3002509976	3M 22S 37E		3828	105274	195491	1632188	18
BRUNSON B	6	3002509978	3M 22S 37E SW SW SW	13343		2742642		4	30553
BRUNSON B	7	3002509980	3N 22S 37E SE SE SW		858	148362	36402	617477	2314814
BRUNSON C	4	3002509986	3J 22S 37E C NW SE	185673	550	49901	400758	37094	4664399
BRUNSON C	5	3002509987	3O 22S 37E	11842		179693	3989805	4568201	4088
BRUNSON C	6	3002509988	3I 22S 37E NE NE SE	299	34059	158908	35071	7252246	5552056
BRUNSON C	7	3002509989	3P 22S 37E NE SE SE	33206	344	136216	9658282	9736	4620313
MARK	2	3002509991	3 22S 37E		6059	124310	352988	3616164	10257
OWEN A	2	3002509992	3F 22S 37E	55820		97307	2595076		13687
BRUNSON	6	3002509993	3L 22S 37E			9035			
MARK	3	3002509995	3G 22S 37E C SW NE	100416		215271	4356470	2591916	43087
MARK	4	3002509996	3H 22S 37E		3884		2225332		5573
MARK	7	3002509997	3H 22S 37E	60566		97659	6349710	3050999	10239
MARK	8	3002509998	3 22S 37E	15175			545131		17707
E OWENS	1	3002509999	3D 22S 37E C NW NW	12584	10500	232941	453715	1340153	2590746
EVA OWEN	3	3002510001	3 22S 37E NE NE NW	22868		252656	1556799	3442314	5183
R L BRUNSON	8	3002510004	3L 22S 37E NW SW	12284		69275	637093	2865414	13756
OWEN A	1	3002510005	3E 22S 37E SW NW	11981		58168	1494606	6482	23269
MARK	5	3002510049	3 22S 37E		74244	248550		4602744	5121928
NEW MEXICO S STATE	23	3002512555	2P 22S 37E	48406	33761		10282141	5959118	184
BRUNSON B	2	3002512573	3K 22S 37E NE SW	5491		109646	4119702	1339477	803
NEW MEXICO S STATE	25	3002520283	2N 22S 37E	8430		3835	27175	1643828	346
NEW MEXICO S STATE	24	3002520390	2J 22S 37E S2 NW NE	62		1602	27341	839084	
S E CONE	2	3002521119	26I 21S 37E NW NE SE		415	55460		7500	491271
S J SARKEYS A	1	3002521278	26A 21S 37E	90401		32789	77992	346677	10402
STATE C TRACT 13	9	3002521311	36F 21S 37E		41402	44221		693855	424566
SARKEY A	2	3002521602	26H 21S 37E	113439		85782	512845	340665	18490
ELMER C HILL	2	3002521878	26P 21S 37E NW SE SE	1067	518	27171	17298	23507	794781
S J SARKEYS B	2	3002521920	26B 21S 37E	15971		10282	129224	82679	2952
S J SARKEYS 26	5	3002522023	26C 21S 37E NE NE NW		18638			565821	
S J SARKEYS	4	3002522090	26F 21S 37E		30933	56253		2842552	1786005
S E CONE	4	3002522141	26I 21S 37E	75029			363009		28745
GULF SARKEYS	1	3002522733	25C 21S 37E	68302			280169		98616
GULF SARKEYS	2	3002522816	25F 21S 37E	44847		16766	228277	67503	74963
ROYALTY HOLDING	1	3002522851	25B 21S 37E	730		3090	3348	17121	2421
ROYALTY HOLDING	2	3002522852	25G 21S 37E	16473			56681		31443
ART YEAGER	1	3002522888	25J 21S 37E	13005		15611	71108	49858	32670
ROYALTY HOLDING	3	3002522892	25H 21S 37E			7452		39904	
J R CONE B	3	3002522959	26O 21S 37E S2 SW SE		1281			67766	
J R CONE B	4	3002523041	26N 21S 37E E2 SE SW	972			24886		1666
MARSHALL COM	5	3002524471	34C 21S 37E		15168	4036	3597787	560467	7474
ALICE PADDOCK	6	3002524815	1O 22S 37E		85	40554		6397	252376
MARK OWEN	3	3002525130	35N 21S 37E E2 SE SW		37628		5198342		1996
WALTER LYNCH	6	3002525131	1F 22S 37E	14565		52123	441034	43717	739099
NEW MEXICO S	27	3002525144	2K 22S 37E	57607		674	1458221	351898	4889
NEW MEXICO S	28	3002525268	2F 22S 37E	74607		2613	705851	1795755	11551
NEW MEXICO S STATE	29	3002525276	2L 22S 37E			59		1387180	
NEW MEXICO S	32	3002525277	2G 22S 37E	85956		2704	1608659	553731	18046
NEW MEXICO S	30	3002525280	2I 22S 37E			179		633293	
NEW MEXICO S	31	3002525281	2H 22S 37E	9346		696	941362	88974	26810
NEW MEXICO S STATE	33	3002525299	2P 22S 37E	138473		2845	1898636	1940665	2969
NEW MEXICO S	34	3002525330	2O 22S 37E	50462		2776	794585	1046326	1512
NEW MEXICO S STATE	36	3002525456	2 22S 37E	33111			193898		7232
OWEN	8	3002525479	35I 21S 37E NE SE		10044			436198	
MARK OWEN	2	3002525481	35M 21S 37E	49207	7459		11114313	628947	4190
WALTER LYNCH	7	3002525486	1 22S 37E			28984		1357502	
NEW MEXICO S STATE	38	3002525508	2E 22S 37E	33720			1858690		8901
NEW MEXICO S STATE	39	3002525513	2 22S 37E	77520			1132321		2312
NEW MEXICO S STATE	40	3002525514	2M 22S 37E		4441			629913	4100
LYNCH CHRISTMAS COM	5	3002525522	1M 22S 37E		8558		1481561		3167
WALTER LYNCH	8	3002525644	1E 22S 37E	11307		6245	1290123	236180	5615
F F HARDISON B	10	3002525629	34A 21S 37E			299		3289	
MARK	11	3002526051	3 22S 37E NW NE NE	15455			829616		15591
STATE C TRACT 13	10	3002526071	36C 21S 37E	9108		5313	51839	53627	24770
ALICE PADDOCK	8	3002526286	1J 22S 37E NW NW SE		6174	32606	637104	194735	3127
STATE 367	4	3002526560	36J 21S 37E C NW SE	16676	31457		374725	89685	10475
ALICE PADDOCK	9	3002527055	1P 22S 37E			27287		212582	
EVA OWENS A	2	3002528222	25L 21S 37E	13338	9001	36341	91686	53818	303767
EVA OWENS A	3	3002528420	25K 21S 37E	17719	8972	11457	33934	27649	30003
ALICE PADDOCK	10	3002529117	1I 22S 37E NE SE	39029			193675		29531
MARK OWEN	9	3002529468	35L 21S 37E NW SW	23189			227162		7913
MARSHALL B	10	3002529797	27M 21S 37E SW SW	12095			802233		10774
S J SARKEYS 26	7	3002533851	26D 21S 37E			21711		162338	

Lease Name	Well Number	10DIGITAPI	Location	Cum Oil (BBL)			Cum Gas (MCF)			Cum Water (BBL)		
				Blinbry	Tubb	Drnkard	Blinbry	Tubb	Drnkard	Blinbry	Tubb	Drnkard
LOCKHART A 27	15	3002534171	27F 21S 37E	4598		9162	137725		471748	2806		5859
LOCKHART A 27	16	3002534312	27B 21S 37E NW NE	2167			932235			2877		
OWEN B	6	3002534321	34K 21S 37E NE SW	584	1130	1193	284833	408811	240979	392	7498	5737
OWEN B	10	3002535638	34L 21S 37E	6645			489127			5155		
OWEN B	12	3002537239	34M 21S 37E SE SW SW	13241	4226	4844	124553	61150	21762	8934	2774	4262
STATE Q	3	3002537483	36O 21S 37E NW SW SE	9331	4760	6527	48930	22361	40944	8618	5050	2518
LOCKHART B 35	9	3002539037	35A 21S 37E NE NE NE	1272	599	215	9931	3356	1119	3682	2673	890
LOCKHART A 35	5	3002539050	35F 21S 37E NW SE NW	1502	523	689	29348	8896	11705	3999	1129	1484
LOCKHART A 27	23	3002539114	27C 21S 37E SE NE NW	280	988	2942	15967	6411	17950	477	636	1484
LOCKHART A 27	26	3002539115	27H 21S 37E NE SE NE	2713	989	990	73852	24146	26283	1743	636	636
TOTALS				6,216,395	1,657,114	14,110,361	290,357,642	161,430,846	180,756,798	2,054,197	455,749	933,528
AVERAGES				44,403	19,728	102,995	2,073,983	1,921,796	1,457,716	14,994	5,919	8,118

Proposed Allocations	Oil	Gas	Water
Blinbry	26%	38%	52%
Tubb	12%	35%	20%
Drnkard	62%	27%	28%
TOTAL	100%	100%	100%

District I

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District II

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District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico

Energy, Minerals & Natural Resources Department

RECEIVED CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-39558		² Pool Code 6660		³ Pool Name Blinebry Oil & Gas (Oil)	
⁴ Property Code 306607		⁵ Property Name Mark Owen			⁶ Well Number 005
⁷ OGRID No. 873		⁸ Operator Name Apache Corporation			⁹ Elevation 3374'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	35	21S	37E		1460	South	1510	West	Lea

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	35	21S	37E		1376	South	1370	West	Lea
¹² Dedicated Acres 40		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No. NSL-6127			

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.

	¹⁶	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division Signature: <i>S. Mackay</i> Date: 05/06/2010 Sophie Mackay Printed Name:
	¹⁸ 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 of Survey: Signature and Seal of Professional Surveyor:	Certificate Number:

District I

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1000 Rio Brazos Rd., Aztec, NM 87410

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State of New Mexico

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

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Santa Fe, NM 87505

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-39558	² Pool Code 86440	³ Pool Name Tubb Oil & Gas (Gas)
⁴ Property Code 306607	⁵ Property Name Mark Owen	⁶ Well Number 005
⁷ OGRID No. 873	⁸ Operator Name Apache Corporation	⁹ Elevation 3374'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	35	21S	37E		1460	South	1510	West	Lea

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	35	21S	37E		1376	South	1370	West	Lea
¹² Dedicated Acres 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. NSL-6127, SD-200409-A						

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.

	¹⁶	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest or to a voluntary pooling agreement or a compulsory pooling or der heretofore entered by the division Signature <u>S. Mackay</u> Date <u>05/06/2010</u> Sophie Mackay Printed Name
	¹⁸ 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 of Survey Signature and Seal of Professional Surveyor Certificate Number	

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State of New Mexico

Energy Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-39558		² Pool Code 19190	³ Pool Name Drinkard
⁴ Property Code 306607	⁵ Property Name Mark Owen		⁶ Well Number 005
⁷ OGRID No. 873	⁸ Operator Name Apache Corporation		⁹ Elevation 3374'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	Lea	County
K	35	21S	37E		1460	South	1510	West		

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	Lea	County
K	35	21S	37E		1376	South	1370	West		
¹² Dedicated Acres 40		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No. NSL-6127				

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.

	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: <u>Sophie Mackay</u> Date: <u>05/06/2010</u> Printed Name: _____
	¹⁸ 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 of Survey: _____ Signature and Seal of Professional Surveyor: _____ Certificate Number: _____