

Order Number

432

API Number

30-025-39549

Operator

Apache Corporation

County

Lea

Order Date

01-10-11

Well Name

Lou Worthan

Number

3

Location

B

UL

11

Sec

225

T (+Dir)

37E

R (+Dir)

Oil %

25%

Gas %

36%

Pool 1

6660

Blinebry Oil + Gas

Pool 2

60240

Tubb Oil + Gas

14%

27%

Pool 3

19190

Drinkard

47%

25%

Pool 4

62700

Wantz-Abo

14%

12%

Comments:

Posted in RBDMs

01-11-2011

WH

DOWNHOLE COMMINGLE CALCULATIONS:

30-025-39549

DHC-HOB-0432

OPERATOR: Apache Corporation

PROPERTY NAME: Lou Worthan

WNULSTR: # 3-B-11-225-37E

SECTION I:	ALLOWABLE AMOUNT
POOL NO. 1 <u>Blinebry Oil + Gas</u>	<u>107</u> <u>4000</u> MCF
POOL NO. 2 <u>Tobb Oil + Gas</u>	<u>142</u> <u>2000</u> MCF
POOL NO. 3 <u>Drinkard</u>	<u>142</u> <u>6000</u> MCF
POOL NO. 4 <u>Wantz- Abo</u>	<u>187</u> <u>6000</u> MCF
POOL TOTALS	<u>578</u> <u>18000</u>

SECTION II:	<u>Oil</u>	<u>Gas</u>
POOL NO. 1 <u>Blinebry Oil + Gas</u>	<u>25%</u>	<u>36%</u>
POOL NO. 2 <u>Tobb Oil + Gas</u>	<u>14%</u>	<u>27%</u>
POOL NO. 3 <u>Drinkard</u>	<u>47%</u>	<u>25%</u>
POOL NO. 4 <u>Wantz- Abo</u>	<u>14%</u>	<u>12%</u>

$$14\% \times 578 = 80.92$$
$$< 81 >$$

<u>OIL</u>	<u>GAS</u>
SECTION III: <u>$14\% \times 187 = 1335.71$</u>	<u>$< 1336 >$</u>

SECTION IV:	
<u>$25\% \times 1336 = 267.2$</u>	<u>$< 267 >$</u>
<u>$14\% \times 1336 = 187.04$</u>	<u>$< 187 >$</u>
<u>$47\% \times 1336 = 627.92$</u>	<u>$< 628 >$</u>
<u>$14\% \times 1336 = 187.04$</u>	<u>$< 187 >$</u>

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1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-025-39549 ✓

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Lou Worthan ✓

8. Well Number 003 ✓

9. OGRID Number

873

10. Pool name or Wildcat

Bli O&G(Oil)/Tubb O&G(Oil)/Drk/Wantz; Abo

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 B : 990 feet from the North line and 2310 feet from the East line

Section 11 Township 22S Range 37E NMPM County Lea

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

3351' 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 ☒

SUBSEQUENT REPORT OF:

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

Apache would like to DHC the following pools, per R-11363.

Pool Names:

Perforations:

Blinebry Oil & Gas (Oil) 6660 Blinebry 5367'-5843'

Tubb Oil & Gas (Oil) 60240 Tubb 5933'-6054'

Drinkard 19190 Drinkard 6198'-6435'

Wantz; Abo 62700 Abo 6568'-6989'

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

	OIL	GAS	WATER
Blinebry	25%	36%	38%
Tubb	14%	27%	8%
Drinkard	47%	25%	23%
Abo	14%	12%	31%

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

Spud Date: 02/08/2010

Rig Release Date: 02/26/2010

DHC-HOB-0432

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

SIGNATURE

Reesa Holland

TITLE Sr. Engr Tech

DATE 01/04/2011

Type or print name Reesa Holland

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

PHONE: 432/818-1062

For State Use Only

APPROVED BY:

[Signature]

TITLE

PETROLEUM ENGINEER

DATE

JAN 10 2011

Conditions of Approval (if any):

District I

1625 N. French Dr., Hobbs, NM 88220

District II

1301 W. Grand Avenue, Artesia, NM 88210

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

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-39549	² Pool Code 6660	³ Pool Name Blinebry Oil & Gas (Oil)
⁴ Property Code 306605	⁵ Property Name Lou Worthan	⁶ Well Number 003
⁷ OGRID No. 873	⁸ Operator Name Apache Corporation	⁹ Elevation 3351'

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
B	11	22S	37E		990	North	2310	East	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
¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

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>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.</i> <u>Reesa Holland</u> 01/04/2011 Signature Date Reesa Holland Printed Name
	¹⁸ SURVEYOR CERTIFICATION <i>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.</i>
	Date of Survey Signature and Seal of Professional Surveyor: Certificate Number

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

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

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-39549	² Pool Code 60240	³ Pool Name Tubb Oil & Gas (Oil)
⁴ Property Code 306605	⁵ Property Name Lou Worthan	⁶ Well Number 003
⁷ OGRID No. 873	⁸ Operator Name Apache Corporation	⁹ Elevation 3351'

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
B	11	22S	37E		990	North	2310	East	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
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					Certificate Number

District I
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District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-39549	² Pool Code 19190	³ Pool Name Drinkard
⁴ Property Code 306605	⁵ Property Name Lou Worthan	⁶ Well Number 003
⁷ OGRID No. 873	⁸ Operator Name Apache Corporation	⁹ Elevation 3351'

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
B	11	22S	37E		990	North	2310	East	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

¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
-------------------------------------	-------------------------------	----------------------------------	-------------------------

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	¹⁸ SURVEYOR CERTIFICATION <i>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.</i>
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-39549		² Pool Code 62700	³ Pool Name Wantz; Abo
⁴ Property Code 306605	⁵ Property Name Lou Worthan		⁶ Well Number 003
⁷ OGRID No. 873	⁸ Operator Name Apache Corporation		⁹ Elevation 3351'

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
B	11	22S	37E		990	North	2310	East	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
¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code		¹⁵ Order No.					

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				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



January 4, 2011

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

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RE: Application for Exception to Rule 303-C – Downhole Commingling
Lou Worthan #3 API No. 30-025-39549
Unit B, Section 11, T22S, R37E
Blinebry Oil & Gas (Oil), Tubb Oil & Gas (Oil), Drinkard & Wantz; Abo
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 (432) 818-1062.

Sincerely,

A handwritten signature in black ink that reads "Reesa Holland". The signature is written in a cursive, flowing style.

**Reesa Holland
Sr. Engineering Technician**

API 30-025-39549

Lease Name	Well Number	10DIGITAPI	Location	Cum Oil (BBL)				Cum Gas (MCF)				Cum Water (BBL)			
				Blmby	Tub	Drnkard	Abo	Blmby	Tub	Drnkard	Abo	Blmby	Tub	Drnkard	Abo
ALICE PADDOCK	3	3002509936	1P 22S 37E	22645	95721			124456	6725984			5566	11046		
ANNIE CHRISTMAS	1	3002509937	1N 22S 37E SE SW	26928		36423	2134	1085407				5864		1210	
ALICE PADDOCK	1	3002509938	1O 22S 37E	62342				3301999				20784			
ALICE PADDOCK	2	3002509939	1J 22S 37E C NW SE	84494				1904398				17938			
ALICE PADDOCK	4	3002509940	1G 22S 37E C SW NE	59367	3289			732122	81169			20191	2697		
ALICE PADDOCK	5	3002509941	122S 37E	49349	51823			1661933	3308905			11403	10580		
WALTER LYNCH	1	3002509942	1K 22S 37E NE SW	56970		76330		1396322		1023045		12025		13491	
WALTER LYNCH	2	3002509943	1L 22S 37E	63178		22922		1599395				8643		5745	
WALTER LYNCH	3	3002509944	1M 22S 37E SW SW	77899		46571		1605799		2467145		8188		13744	
LYNCH CHRISTMAS COM	4	3002509945	1L 22S 37E	31014	23044			9163963	4665055			59	893		
WALTER LYNCH	4	3002509949	1D 22S 37E	55833	34494	24522		9545946	7235380			10377	2246		
WALTER LYNCH	5	3002509950	122S 37E C NE NW	16299				330800				7292			
NEW MEXICO S STATE	7	3002509956	2N 22S 37E	3687				636158				1554			
NEW MEXICO S	12	3002509961	2A 22S 37E	82861	3753	166902		4658721	51637	2225615		16918	6429	3852	
NEW MEXICO S STATE	13	3002509962	2 22S 37E		35043	194966			5421787	3584652			2583	2554	
NEW MEXICO S STATE	14	3002509963	2C 22S 37E	79989		163176		6220745		2778023		14413		1016	
NEW MEXICO S STATE	16	3002509965	2D 22S 37E									648532			
NEW MEXICO S STATE	20	3002509969	2E 22S 37E		33156	100076			5360988	2293588			5422	15	
NEW MEXICO S	21	3002509970	2L 22S 37E	34541	20318	12969		8723618	3884213			4126	525		
NEW MEXICO S	22	3002509971	2M 22S 37E	100344		167921		2871626		1100677		16059		1032	
BRUNSON B	3	3002509976	3M 22S 37E		3828	105274			195538	1632461			18	30553	
BRUNSON B	6	3002509978	3M 22S 37E SW SW SW	13343			490	2742642				26421	4		
BRUNSON B	7	3002509980	3N 22S 37E SE SE SW		858	148362		49331	617477	2314614			175	40	
BRUNSON C	4	3002509986	3J 22S 37E C NW SE	185749	635	49945		406707	43637	4668860		602	592	10286	
BRUNSON C	5	3002509987	3O 22S 37E	11887		179737		4002891		4570283		4126		7709	
BRUNSON C	6	3002509988	3I 22S 37E NE NE SE	389	34072	158998		44012	7266695	5569307		360	11705	1532	
BRUNSON C	7	3002509989	3P 22S 37E NE SE SE	33219	713	136468		9673155	22227	4620313		4473	491	12362	
MARK	2	3002509991	3 22S 37E		6059	124310			352988	3616184			10257	10036	
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		4512	
MARK	4	3002509996	3H 22S 37E		3884				2241361				5573		
MARK	7	3002509997	3H 22S 37E	60566		97659				3050999			10239	2469	
MARK	8	3002509998	3 22S 37E	15383			6206	6360485	553996			351561	17944		8811
E OWENS	1	3002509999	3D 22S 37E C NW NW	12584	10500	232941		453715	1340153	2590746		5687		10554	
EVA OWEN	3	3002510001	3 22S 37E NE NE NW	22868		252656		1556799		3442314		5183		21545	
R L BRUNSON	8	3002510004	3L 22S 37E NW SW	12453		69398		651706		2870525		13892		17714	
OWEN A	1	3002510005	3E 22S 37E SW NW	12097		156168		1504295		6482		23269		1896	
MARK	5	3002510049	3 22S 37E		74244	248549			4621646	5134012			11966	19603	
A B BAKER	3	3002510157	1O1 22S 37E	15559	16596	55704		1798987	1681810	2911653		171		351	
A B BAKER	4	3002510158	10P 22S 37E NW SE SE	3381	898	124128		2408138	16225	1910617		4028	1408	16554	
ROLLON BRUNSON	4	3002510161	10G 22S 37E	33458		111270		3132201		2445987		15382		1111	
ROLLON BRUNSON	6	3002510162	10B 22S 37E NW NW NE	2391	235	108920		519827	370251	2299969		3132	334	1508	
EAVES	3	3002510165	10A 22S 37E		10891		6603		330238			1112171	9552		4266
BAKER B	7	3002510166	10J 22S 37E		10552	183196			2383202	3077696			1958	5902	
EAVES	5	3002510168	10H 22S 37E	27983	39035	122485		1753376	3365910	2082413		44369	413	1724	
EAVES	6	3002510169	10A 22S 37E	38906		92408		6633022		3442136		24321		2573	
BRUNSON ARGO	6	3002510174	10E 22S 37E	19524	17130	32368		5876003	1040650	692286		14315		2407	
BRUNSON ARGO	15	3002510176	10F 22S 37E		9903	135427			1360723	3956068			9787	43997	
BRUNSON ARGO	17	3002510178	10D 22S 37E	5406	1683	113841		376035	127311	1609039		8020	5963	7691	
BRUNSON ARGO	18	3002510179	10C 22S 37E	13663		110823		1078894		2608725		20036		5840	
BAKER B	5	3002510186	10N 22S 37E			1399				45771				4087	
BAKER B	6	3002510187	10M 22S 37E			176107				2767212				33476	
BAKER B	8	3002510188	10K 22S 37E	1127		183374		1047043		1699697		788		9904	
BAKER B	9	3002510189	10L 22S 37E			184996				1557722				4912	
BAKER B	11	3002510191	10O 22S 37E			221626				6591219				32008	
BAKER B	13	3002510193	10L 22S 37E	3858	2517	2006		492573	175441	181811		6972	2614	9118	
BAKER B	14	3002510194	10M 22S 37E	4412				146227				71612			
BAKER B	15	3002510195	10J 22S 37E	65859	41987			11123268	3395678			15626			
S E LONG	2	3002510202	11J 22S 37E			12418				6583770				11469	
S E LONG	3	3002510203	11O 22S 37E SW SE			8165	20059			1541242		236103		4215	19909
S E LONG	5	3002510206	11O 22S 37E	23166	846	94769		2116202	26958	425264		21020	972	1003	
S E LONG	7	3002510208	11I 22S 37E S2 NE SE	10618	5803	73226		1238721	109217	2594398		20609	2320	5667	
S E LONG	8	3002510209	11J 22S 37E	24773	32724	7770		9368342	4659886			15428	1573		
LOU WORTHAN	4	3002510213	11G 22S 37E	134230				1450093				993			
LOU WORTHAN	5	3002510214	11C 22S 37E	49649				3231032				393			
LOU WORTHAN	11	3002510215	11F 22S 37E		25244				5121640				916		
LOU WORTHAN	9	3002510218	11E 22S 37E NW SW NW	51238	25966	16876		13715951	4291029			1252	240		
LOU WORTHAN	10	3002510219	11D 22S 37E		35479	77186			1199444	3468313			2313	1122	
LOU WORTHAN	11	3002510220	11F 22S 37E NE SE NW	3961	31942	44374		360516	4715698	1955022		2300	2777	8325	
LOU WORTHAN	12	3002510221	11H 22S 37E	63630		28872		14401892		279248		371			
THOMAS LONG	1	3002510222	11N 22S 37E SE NW			110499				4046033				7493	
THOMAS LONG	2	3002510223	11M 22S 37E			99558				4580958				3385	
THOMAS LONG	3	3002510224	11K 22S 37E			101291				4225503				3237	
THOMAS LONG	4	3002510225	11L 22S 37E			98408				3787654				3506	
THOMAS LONG	5	3002510230	11N 22S 37E	35556	24828			8248379	5763821			7978	8893		
ELLIOTT HINTON	1	3002510233	12E 22S 37E	31902	14352			14772426	3792915			5645			
HINTON	3	3002510236	12N 22S 37E	28804	17981			6464523	5785485			14	10		
HINTON	4	3002510237	12I 22S 37E	178868				2914007				83945			
HINTON	5	3002510238	12P 22S 37E	66451	29369			3101328	3952037			75229	639		
HINTON 14	8	3002510241	12J 22S 37E	16270	262	11047		241581	4652	35448		8568	469	1624	
HINTON	9	3002510242	12I 22S 37E			81073				939319				70872	
ROGERS	2	3002510246	12H 22S 37E NW SE NE	88574	208	32576		429639	7695	434325		19685	344	17099	
ALEXANDER RODGERS	2	3002510247	12A 22S 37E NE NE		150109					3164443			5361		
F J DANGLADE	1	3002510249	13M 22S 37E	36135	20130	644		607608	4193654			29443	701		
N G PENROSE	1	3002510250	13B 22S 37E	51747	4435	10478		5359228	379436	259273		7580	2075	4640	
N G PENROSE	2	3002510251	13H 22S 37E	29906	26296	6587		439063	4061065	230535		21622	888	676	
EDITH BUTLER B	1	3002510252	13I 22S 37E	72235	33816	132327		565784	3090520	1139157		28153	1922	8242	
SUN DANGLADE	1	30025102													

Lease Name	Well Number	10DIGITAPI	Location	Cum Oil (BBL)				Cum Gas (MCF)				Cum Water (BBL)			
				Blinbrey	Tubb	Drinkard	Abo	Blinbrey	Tubb	Drinkard	Abo	Blinbrey	Tubb	Drinkard	Abo
PARKS A	3	3002510266	14P 22S 37E	26820	44	86557	15712	1223263	1174	1117636	267376	7479	53	5048	6114
PARKS A	4	3002510267	14I 22S 37E	642	74571	96402		6093	3483848	2190047		117		5615	
PARKS A	5	3002510268	14O 22S 37E	87096		73247		8002820		562976		10669		40186	
PARKS	6	3002510269	14L 22S 37E NW SW	46993	43622	5096		4778672	4011052	1379404		13	17	6109	
E W WALDEN	2	3002510270	15K 22S 37E	35279		77096		1803907		605082		59475		400	
E W WALDEN	3	3002510271	15N 22S 37E NE SE SW		4181				115564			6153			
E W WALDEN	4	3002510272	15L 22S 37E	24103		22935		211341		1864259		20515		203	
E W WALDEN	5	3002510273	15L 22S 37E		45700	82667			928481			11329			
E W WALDEN	6	3002510274	15M 22S 37E	34505	1272	131901		137656	27868	545864		117572		1875	
E W WALDEN	7	3002510275	15N 22S 37E	49399		105280		2904205		818229		50388		2295	
ELLIOTT B 15	1	3002510277	15G 22S 37E			1295		321117	110061	170016				4424	
ELLIOTT B 15	2	3002510279	15I 22S 37E			31014				851409				32370	
ELLIOTT B 15	3	3002510281	15I 22S 37E		51474	60742			2208437	1438688		4310		8045	
ELLIOTT A 15	4	3002510282	15O 22S 37E			146876				1484711				12678	
ELLIOTT A 15	5	3002510283	15P 22S 37E		16992				840762			9497			
ELLIOTT A 15	6	3002510284	15P 22S 37E	33352		114608		5373239		1331396		5043		24891	
WALDEN A	5	3002510291	15E 22S 37E SE SW NW	13537		86298		360906		778269		9468		24046	
ELLIOTT A 15	2	3002510293	15J 22S 37E SW NW SE		2509	131568			206381	3109005		728		17181	
ELLIOTT B 15	1	3002510294	15B 22S 37E			118123				2530921				32793	
WALDEN A	3	3002510301	15F 22S 37E SE SE NW	13540		171520		360961		815606		9507		70419	
ELLIOTT B 15	4	3002510302	15A 22S 37E	15317		75140		7883268		3051798		878		6275	
E W WALDEN	3	3002510304	15C 22S 37E	20703		106		6443590	741411			2507	31		
E W WALDEN	4	3002510305	15C 22S 37E		1782	149366			1231234	512755		91		1313	
E W WALDEN	7	3002510308	15D 22S 37E			70472				1777445				12976	
ELLIOTT B 15	1	3002510309	15H 22S 37E C SE NE			9442									
S E LONG	6	3002511373	11P 22S 37E	21775		84273		899547		2558088		63552		15915	
NEW MEXICO S STATE	23	3002512555	2P 22S 37E	48406	33761			10282141	5968072			184	523		
BRUNSON B	2	3002512573	3K 22S 37E NE SW	5491		109646		4120957		1339477		803		96	
A B BAKER	3	3002512574	10I 22S 37E		16400				1644934			17			
NEW MEXICO S STATE	25	3002520283	2N 22S 37E	8430		3835	69752	27175		1643828	2134041	346		12	22908
NEW MEXICO S STATE	24	3002520390	2J 22S 37E S2 NW NE	62		1602	85885	31950		839084	1896826			53	25509
HUGH	8	3002521625	14E 22S 37E SW SW NW	3398		39426		260005		3198946		5507		11272	
SUN DANGLADE	3	3002522709	13O 22S 37E	112621		82343		616334		380721		33715		26892	
COSSATOT A	1	3002523783	12G 22S 37E	389	397	209807	1785	8775	9048	5485860	6606	274	306	8266	71
COSSATOT A	1	3002523906	12B 22S 37E	29449		134822		3678068		2058213		3780		13395	
COSSATOT A	2	3002523907	12A 22S 37E	451		112978		1963		2341303		313		7402	
COSSATOT B	1	3002523933	12O 22S 37E W2 SW SE	2632	489	66573		135779	15426	1352794		2132	442	5195	
COSSATOT B	2	3002523934	12M 22S 37E SE SW SW	15684	36	44662		219486	365456	1215672		6525		116	
COSSATOT B	3	3002523967	12N 22S 37E	30694		37791		554116		1247478		24245		4142	
POLARIS PARKS	7	3002524070	14K 22S 37E			7176		289		2360146				3038	
PARKS A	8	3002524210	14J 22S 37E NW SE	3790		6874		119664		1413806		193		3936	
PARKS	9	3002524211	14N 22S 37E SE SW	35798	62	5645		1205258	1588	1300560		34236	43	807	
HINTON	11	3002524229	12F 22S 37E SE NW		551	32006			1182492	1269596			8385	4231	
COSSATOT E	1	3002524245	13M 22S 37E			29310				1492706				1228	
COSSATOT D	1	3002524253	13C 22S 37E	63467		21749		752189		117039		60388		4908	
COSSATOT G	1	3002524371	13F 22S 37E	36383		112244		620151		859315		19773		4988	
HINTON	12	3002524373	12K 22S 37E	1052	8238	53801		21508	224251	2349551		1331	2566	72484	
COSSATOT H	1	3002524409	13L 22S 37E			16438				1721603				5407	
HINTON	13	3002524426	12L 22S 37E NE NW SW	21292		22574		2930905		1212059		11085		11063	
SUN DANGLADE	2	3002524434	13K 22S 37E S2 NE SW	5127	5132	19397		40296	42420	1528692		3461	3494	5373	
COSSATOT I	1	3002524435	13D 22S 37E	22097	17961	24344		561897	2711035	1476168		20472	350	267	
ELLIOTT B-12-2	3	3002524503	12E 22S 37E		14352	87580			4427961	1309512				14670	
F J DANGLADE	2	3002524585	13N 22S 37E N2 SE SW	4778	4776	59239		71472	46542	631978		1696	1696	5514	
HUGH	9	3002524637	14G 22S 37E	48087		7491		1292208		1019227		55011		990	
ALICE PADDOCK	6	3002524815	1O 22S 37E		85	40554			6397	252376			1319	36328	
HINTON	14	3002524832	12J 22S 37E			35142				199135				3041	
LOU WORTHAN	13	3002524943	11C 22S 37E			2595	7188			2402427	1781755			3390	2236
N G PENROSE	3	3002524990	13G 22S 37E	43672		69778		450968		319327		31125		15083	
HUGH	10	3002525003	14C 22S 37E SE NE NW		37180	14331	9857		3085062	3027910	412206		1081	10473	8925
ALICE PADDOCK	7	3002525045	1 22S 37E NE NE												
THOMAS LONG A	1	3002525052	11K 22S 37E	33575				1269273				22324			
HUGH	11	3002525059	14B 22S 37E N2 NW NE		328		34896		9853		1147824		2066		11597
EDITH BUTLER B	2	3002525074	13J 22S 37E W2 NW SE	50204		18192		1469365		440920		26549		5528	
THOMAS LONG A	2	3002525089	11L 22S 37E	28707				1070052				20495			
COSSATOT M	2	3002525095	11M 22S 37E NE SW SW				832				350508				1981
WHITAKER & PERKINS	2	3002525110	12C 22S 37E SW NE NW	1223	1225	87324		60249	60243	4248831		1031	1030	17883	
WALTER LYNCH	6	3002525131	1F 22S 37E	14816		52375		455889	48757	745731		7506		12797	
ELLIOTT B 12	2	3002525137	12D 22S 37E NW NW NW	17982	60365	27607		398327	722052	3378223		9431	9785	23590	
NEW MEXICO S	27	3002525144	2K 22S 37E	58702		674	24935	1471441		351898	315856	5317			1325
ELLIOTT B 13	2	3002525148	13E 22S 37E SW NW		44639	71536		816516	420484			11907	13427		
LOU WORTHAN	14	3002525255	11A 22S 37E NE NE		19708	319	6045		911705	535994	889151		12691	100	1285
NEW MEXICO S	28	3002525268	2F 22S 37E	74813		2613	25312	706729		1795755	368285	12117		2941	
NEW MEXICO S STATE	29	3002525276	2L 22S 37E			59	55277			1387180	416915			31838	
NEW MEXICO S	32	3002525277	2G 22S 37E	86838		2704		1620260		553731		21014			
NEW MEXICO S	30	3002525280	2I 22S 37E			179	16932			633293	460407			19293	
NEW MEXICO S	31	3002525281	2H 22S 37E	9596		696	2212	946364		88974	272828	27024		277	
NEW MEXICO S STATE	33	3002525299	2P 22S 37E	139502		2845		1710420		1940665		4965			
LOU WORTHAN	15	3002525304	11G 22S 37E		15227	2873	4171		601759	1839509	3114236		1459	4370	4297
BAKER B	16	3002525312	10N 22S 37E SE SW	601	592	23		554112	75701	671678		1656	12325	72	
S E LONG	8	3002525322	11J 22S 37E NW SE		33236			1978		5573234		44905		1858	2574
NEW MEXICO S	34	3002525330	2O 22S 37E	51245		2776	6904	802880		1046326	1162900	1726		394	3488
NEW MEXICO S STATE	35	3002525381	2 22S 37E				91784				927993				28833
LOU WORTHAN	16	3002525383	11B 22S 37E		59933				639717				24449		
LOU WORTHAN	17	3002525405	11E 22S 37E			3072	7097		470545	2544224			4787	6208	
NEW MEXICO S STATE	36	3002525456	2 22S 37E	33742			78004	200702		544830	7652			27291	
NEW MEXICO S STATE	37	3002525457	2 22S 37E				63549			2292928				14812	
WALTER LYNCH	7	3002525486	1 22S 37E			29095				1371832				15252	
NEW MEXICO S	38	3002525508	2E 22S 37E	33963			35449	1873061			981372	8901			

Lease Name	Well Number	10DIGITAPI	Location	Cum Oil (BBL)			Cum Gas (MCF)			Cum Water (BBL)		
				Blinebry	Tubb	Drinkard	Abo	Blinebry	Tubb	Drinkard	Abo	
EAVES	7	3002526212	10H 22S 37E SE SE NE				1407				200484	5618
ALICE PADDOCK	8	3002526286	1J 22S 37E NW NW SE		6509	32606			666100	194735		3317 13445
BRUNSON C	13	3002526639	3I 22S 37E				23499				1140276	43507
ALICE PADDOCK	9	3002527055	1P 22S 37E			27287				212582		21408
HUGH	15	3002528292	14E 22S 37E		9810		17142		619716		1344038	31199
PARKS	10	3002528476	14K 22S 37E N2 NE SW	15837				28982	618159		269587	7314
PARKS A	12	3002528678	14I 22S 37E NE SE	29539			5496	1420588			92800	12
ALICE PADDOCK	10	3002529117	11 22S 37E NE SE	38346				195650			29748	
LOU WORTHAN	19	3002529469	11D 22S 37E NW NW	14971			2015	1131119			480578	3155
N G PENROSE	4	3002529979	13A 22S 37E NE NE	29566	821	6095			77639	166111	10156	227 482
LOU WORTHAN	20	3002530285	11F 22S 37E SE NW				1397	133267				4444
HINTON	7	3002530607	12I 22S 37E NE SE			27236				370664		35983
BAKER B	17	3002533117	10N 22S 37E			9026	10432			387226	341110	30270
BAKER B	18	3002533376	10K 22S 37E				7426				232742	4070
LOU WORTHAN	21	3002533426	11B 22S 37E	32358			82	3366153			637854	2072
A B BAKER	5	3002533528	10P 22S 37E				6166				1051576	5612
A B BAKER	6	3002533794	10I 22S 37E	2691			1514	186019			90087	9092
BRUNSON ARGO	21	3002533824	10F 22S 37E	6857			716	804615			26557	2221
BRUNSON ARGO	22	3002533825	10C 22S 37E SW NE NW			4161	6188		130995	593932		868 36922
BRUNSON ARGO	23	3002533826	10E 22S 37E			4685	29663		346978	675776		2421 42928
BRUNSON ARGO	26	3002533994	10D 22S 37E S2 NW NW			5192	16194			67492	385778	1044 39034
THOMAS LONG A	3	3002534035	11M 22S 37E	24686				1104254				20899
PARKS	13	3002534079	14J 22S 37E	32436	6		6	898282	684		684	7
ELLIOTT B	3	3002534120	15H 22S 37E	6986		4616		332133		312734		8048
THOMAS LONG	6	3002536055	11N 22S 37E NE SE SW	119	2240			193	364524			1619
E W WALDEN	9	3002538371	15K 22S 37E SE NE SW	3233	4177	1671		51063	64516	44547	8483	6067 5287
E W WALDEN	10	3002538876	15N 22S 37E SE SE SW	4032	2634	3172		50731	56032	14741	31381	286 1580
LOU WORTHAN	3	3002539549	11B 22S 37E NW NE		531	271			5777	6331		20 241
WALTER LYNCH	10	3002539550	1 22S 37E	814	542		3158	2619			1721	589
E W WALDEN	16	3002539696	15M 22S 37E NE SW	733	510	1624	319	7174	4718		2265	6894 616 2585 2216
TOTALS				5,328,646	1,954,460	10,935,533	1,142,397	347,896,462	184,230,899	249,121,626	42,465,873	2,370,790 328,098 1,407,991 715,872
AVERAGES				37,004	19,161	69,212	20,400	2,366,643	1,771,451	1,683,254	758,319	16,814 3,490 10,129 13,507

Proposed Allocations	Oil	Gas	Water
Blinebry	25%	36%	38%
Tubb	14%	27%	8%
Drinkard	47%	25%	23%
Abo	14%	12%	31%
TOTAL	100%	100%	100%