

Order Number

476

API Number

30-25-40120

Operator

Apache Corp.

County

Lea

Order Date

8-8-11

Well Name

Lou Worthan

Number

28

Location

H

UL

11

Sec

22S

T (+Dir)

37E

R (+Dir)

Oil %

66%

Gas %

57%

Pool 1

72480

Blinebry Oil+Gas (Pro-Gas)

Pool 2

60240

Tubb Oil+Gas (Oil)

Pool 3

Pool 4

Comments:

Posted in RBDMS 8-9-11 CCH

DOWNHOLE COMMINGLE CALCULATIONS:

OPERATOR: Apache Corp

30-025-40120
DHC-HOB-476

PROPERTY NAME: Low Worthan #28

WNULSTR: 28-H-11-225-37E

SECTION I:
POOL NO. 1 Blinebry Oil + Gas (Pro Gas) 107 428 MCF

POOL NO. 2 Tubb Oil + Gas (Oil) 142 284 MCF

POOL NO. 3 _____ MCF

POOL NO. 4 _____ MCF

POOL TOTALS 249

SECTION II:
POOL NO. 1 Blinebry Oil + Gas (Pro Gas) Oil Gas
66% 57%

POOL NO. 2 Tubb Oil + Gas (Oil) 34% x 249 = 84.66 43%
< 8.5 >

POOL NO. 3 _____

POOL NO. 4 _____

SECTION III:
OIL GAS
34% ÷ 142 = 418

SECTION IV:
66% x 418 = 275.88 < 276 >
34% x 418 = 142.12 < 142 >

HOBBS OGD

AUG 04 2011

RECEIVED

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-025-40120

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 028

9. OGRID Number

873

10. Pool name or Wildcat

BliO&G(ProGas)72480/TubbO&G(Oil)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 : 2310 feet from the North line and 1311 feet from the East line

Section 11 Township 22S Range 37E NMPM County Lea

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

3342' 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: ☐

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:

Blinebry Oil & Gas (Pro Gas) 72480

Tubb Oil & Gas (Oil) 60240

Perforations:

Blinebry 5364'-5798'

Tubb 5909'-5996'

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

	OIL	GAS	WATER
Blinebry	66%	57%	82%
Tubb	34%	43%	18%

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

Spud Date: 05/17/2011

Rig Release Date: 05/27/2011

DHC-HOB-476

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 08/03/2011

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

AUG 08 2011

Conditions of Approval (if any):

AUG 09 2011

HOBBS OCD

DISTRICT I

1625 N. FRENCH DR., HOBBS, NM 88240

DISTRICT II

1301 W. GRAND AVENUE, ARTESIA, NM 88201

DISTRICT III

1000 RIO BRAZOS RD., AZTEC, NM 87410

DISTRICT IV

11885 S. ST. FRANCIS DR., SANTA FE, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

RECEIVED OIL CONSERVATION DIVISION

11885 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-40120	Pool Code 72480	Pool Name Blinebry Oil and Gas (Pro Gas)
Property Code 306605	Property Name LOU WORTHAN	Well Number 28
OGRID No. 873	Operator Name APACHE CORPORATION	Elevation 3342'

Surface Location

UL or lot No. H	Section 11	Township 22-S	Range 37-E	Lot Idn	Feet from the 2310	North/South line NORTH	Feet from the 1311	East/West line EAST	County LEA
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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
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No. NSL-6359-A ; SD-201104-A ; DHC-HOB-476						

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

GEODETTIC COORDINATES NAD 27 NME SURFACE LOCATION Y=513946.9 N X=871673.1 E LAT.=32.407198' N LONG.=103.129052' W LAT.=32°24'26" N LONG.=103°07'45" W			OPERATOR CERTIFICATION I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Sorina L. Flores</i> 4/27/11 Signature Date Sorina L. Flores Printed Name
	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.		DECEMBER 21, 2010
	Date Surveyed _____ DSS Signature & Seal of Professional Surveyor <i>Ronald G. Eidson</i> 01/07/2011 10.11.1838		Certificate No. GARY C. EIDSON 12641 RONALD G. EIDSON 3239
	NEW MEXICO PROFESSIONAL SURVEYOR		

HOBBS OCD**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

11885 S. ST. FRANCIS DR., SANTA FE, NM 87505

State of New Mexico

Energy, Minerals and Natural Resources Department

AUG 04 2011**OIL CONSERVATION DIVISION**

11885 SOUTH ST. FRANCIS DR.

Santa Fe, New Mexico 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

RECEIVED**WELL LOCATION AND ACREAGE DEDICATION PLAT**☐ AMENDED REPORT

API Number 30-025-40120	Pool Code 60240	Pool Name Tubb Oil and Gas (oil)
Property Code 306605	Property Name LOU WORTHAN	Well Number 28
GRID No. 873	Operator Name APACHE CORPORATION	Elevation 3342'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	11	22-S	37-E		2310	NORTH	1311	EAST	LEA

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

Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No. NSL-6359-A ; SD - 201104-A ; DHC-HOB-476
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		Certificate No. GARY G. EIDSON 12641 RONALD J. EIDSON 3239

Lou Worthan #28
30-025-40120
Apache Corp

Lease Name	Well Number	10DIGITAPI	Location	Cum Oil (BBL)		Cum Gas (MCF)		Cum Water (BBL)	
				Blinbry	Tubb	Blinbry	Tubb	Blinbry	Tubb
ALICE PADDOCK	3	3002509936	1P 22S 37E	22645	95911	124456	6729278	5566	11170
ANNIE CHRISTMAS	1	3002509937	1N 22S 37E SE SW	27193		1091655		5943	
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	1 22S 37E	49349	51823	1661933	3308905	11403	10580
WALTER LYNCH	1	3002509942	1K 22S 37E NE SW	57252		1406302		12207	
WALTER LYNCH	2	3002509943	1L 22S 37E	64039		1617929		8672	
WALTER LYNCH	3	3002509944	1M 22S 37E SW SW	78760		1624809		8220	
LYNCH CHRISTMAS COM	4	3002509945	1L 22S 37E	31014	23044	9163963	4666115	59	893
WALTER LYNCH	4	3002509949	1D 22S 37E	56169	34494	9556608	7246931	10570	2246
WALTER LYNCH	5	3002509950	1 22S 37E C NE NW	16299		330800		7292	
NEW MEXICO S STATE	7	3002509956	2N 22S 37E	3687		637001		1554	
NEW MEXICO S	12	3002509961	2A 22S 37E	82897	4068	4658791	52965	16929	6508
NEW MEXICO S STATE	13	3002509962	2 22S 37E		35060		5432194		2583
NEW MEXICO S STATE	14	3002509963	2C 22S 37E	79989		6225499		14615	
NEW MEXICO S STATE	20	3002509969	2E 22S 37E		33516		5370253		5466
NEW MEXICO S	21	3002509970	2L 22S 37E	34721	20318	8733927	3884213	4292	525
NEW MEXICO S	22	3002509971	2M 22S 37E	100704		2877045		16225	
BRUNSON B	3	3002509976	3M 22S 37E		3828		195608		18
BRUNSON B	6	3002509978	3M 22S 37E SW SW SW	13343		2742642		4	
BRUNSON B	7	3002509980	3N 22S 37E SE SE SW		858	50138	617477		175
BRUNSON C	4	3002509986	3J 22S 37E C NW SE	185813	705	411733	49166	634	626
BRUNSON C	5	3002509987	3O 22S 37E	11924		4013949		4144	
BRUNSON C	6	3002509988	3I 22S 37E NE NE SE	464	34081	48965	7277951	397	11710
BRUNSON C	7	3002509989	3P 22S 37E NE SE SE	33228	1027	9685721	32781	4547	582
MARK	2	3002509991	3 22S 37E		6059		352988		10257
OWEN A	2	3002509992	3F 22S 37E	55820		2595076		13687	
MARK	3	3002509995	3G 22S 37E C SW NE	100416		4356470		43087	
MARK	4	3002509996	3H 22S 37E		3884		2257196		5573
MARK	7	3002509997	3H 22S 37E	60566		6371453		10239	
MARK	8	3002509998	3 22S 37E	15546		561899		18187	
E OWENS	1	3002509999	3D 22S 37E C NW NW	12584	10500	453715	1340153	5687	
EVA OWEN	3	3002510001	3 22S 37E NE NE NW	22868		1556799		5183	
R L BRUNSON	8	3002510004	3L 22S 37E NW SW	12625		663955		13981	
OWEN A	1	3002510005	3E 22S 37E SW NW	12193		1512005		23269	
MARK	5	3002510049	3 22S 37E		74244		4634353		11966
A B BAKER	3	3002510157	1O1 22S 37E	15559	16597	1798987	1682207		171
A B BAKER	4	3002510158	1OP 22S 37E NW SE SE	3381	967	2416631	19056	4028	2095
ROLLON BRUNSON	4	3002510161	1OG 22S 37E	33554		3136367		15432	
ROLLON BRUNSON	6	3002510162	1OB 22S 37E NW NW NE	2391	235	519827	370251	3132	334
EAVES	3	3002510165	1OA 22S 37E		11354		337171		10011
BAKER B	7	3002510166	1OJ 22S 37E		10552		2392825		2010
EAVES	5	3002510168	1OH 22S 37E	28029	39035	1757720	3365910	44413	413
EAVES	6	3002510169	1OA 22S 37E	38941		6646480		24364	
BRUNSON ARGO	6	3002510174	1OE 22S 37E	19524	17130	5876003	1040650	14315	
BRUNSON ARGO	15	3002510176	1OF 22S 37E		9987		1367379		9839
BRUNSON ARGO	17	3002510178	1OD 22S 37E	5465	1683	385601	127311	8182	5963
BRUNSON ARGO	18	3002510179	1OC 22S 37E	13724		1088562		20161	
BAKER B	6	3002510187	1OM 22S 37E						
BAKER B	8	3002510188	1OK 22S 37E	1161		1051213		852	
BAKER B	13	3002510193	1OL 22S 37E	3934	2517	494874	175441	7057	2614
BAKER B	14	3002510194	1OM 22S 37E	4412		146227		71612	
BAKER B	15	3002510195	1OJ 22S 37E	65934	41987	11123667	3395678	15742	
S E LONG	3	3002510203	11O 22S 37E SW SE						
S E LONG	5	3002510206	11O 22S 37E	23336	846	2124917	26958	21172	972
S E LONG	7	3002510208	11I 22S 37E S2 NE SE	10734	7340	1246810	128092	20666	3084
S E LONG	8	3002510209	11J 22S 37E	24773	32724	9368342	4659886	15428	1573
LOU WORTHAN	4	3002510213	11G 22S 37E	136403		1481132		1158	
LOU WORTHAN	5	3002510214	11C 22S 37E	50724		3253540		496	
LOU WORTHAN	11	3002510215	11F 22S 37E		25244		5121640		916
LOU WORTHAM	9	3002510218	11E 22S 37E NW SW NW	51544	25966	13730670	4294709	1346	240
LOU WORTHAN	10	3002510219	11D 22S 37E		35479		1199444		2313
LOU WORTHAN	11	3002510220	11F 22S 37E NE SE NW	3961	32479	378604	4719575	2335	2812
LOU WORTHAN	12	3002510221	11H 22S 37E	63798		14416440		465	
THOMAS LONG	5	3002510230	11N 22S 37E	35678	24892	8255329	5768530	8037	9052
ELLIOTT HINTON	1	3002510233	12E 22S 37E	31995	14352	14786813	3792915	5686	
HINTON	3	3002510236	12N 22S 37E	28804	17981	6464523	5785485	14	10
HINTON	4	3002510237	12I 22S 37E	179130		2916796		84113	
HINTON	5	3002510238	12P 22S 37E	66714	29369	3104586	3952037	75229	639

Lease Name	Well Number	10DIGIT API	Location	Cum Oil (BBL)		Cum Gas (MCF)		Cum Water (BBL)	
				Blinbry	Tubb	Blinbry	Tubb	Blinbry	Tubb
HINTON 14	8	3002510241	12J 22S 37E	16540	400	246416	7142	8713	745
ROGERS	2	3002510246	12H 22S 37E NW SE NE	88681	314	433472	11523	19922	579
ALEXANDER RODGERS	2	3002510247	12A 22S 37E NE NE		150109		3164443		5361
F J DANGLADE	1	3002510249	13M 22S 37E	36359	20130	614288	4193654	29754	701
N G PENROSE	1	3002510250	13B 22S 37E	51970	4474	5362794	380054	7750	2104
N G PENROSE	2	3002510251	13H 22S 37E	30328	26301	447176	4061149	21783	888
EDITH BUTLER B	1	3002510252	13I 22S 37E	72894	33851	575734	3091208	28699	1951
SUN DANGLADE	1	3002510253	13L 22S 37E C NW SW	90931	166	5525858	9407	185009	763
DANGLADE	2	3002510254	13P 22S 37E C SE SE	119887	1140	5122054	19843	26883	892
HINTON	10	3002510255	13D 22S 37E	31491	16396	281492	2312136	388	140
ELLIOTT B 13	1	3002510256	13E 22S 37E	226913		6156612		25566	
HUGH	1	3002510257	14D 22S 37E	8715		1201704		3304	
HUGH	3	3002510259	14B 22S 37E	37853		582693		44381	
HUGH	4	3002510260	14A 22S 37E	35661	22018	1113623	3768254	42498	794
HUGH	5	3002510261	14F 22S 37E	17		379893		1245	
HUGH	6	3002510262	14H 22S 37E W2 SE NE	35053	9116	6416865	376480	8429	16841
PARKS	2	3002510263	14M 22S 37E SW SW	19251	255	449518	3087	24672	562
HUGH	7	3002510264	14C 22S 37E	95246	36749	7884333	3031889	13047	862
PARKS A	3	3002510266	14P 22S 37E	26951	76	1226031	3942	7496	70
PARKS A	4	3002510267	14I 22S 37E	1291	74571	11631	3486616	167	
PARKS A	5	3002510268	14O 22S 37E	87247		8010018		10751	
PARKS	6	3002510269	14L 22S 37E NW SW	46993	43622	4778480	4011052	13	17
E W WALDEN	2	3002510270	15K 22S 37E	35555		1804640		59925	
E W WALDEN	3	3002510271	15N 22S 37E NE SE SW		4181		115564		6153
E W WALDEN	4	3002510272	15L 22S 37E	24450		215269		20781	
E W WALDEN	5	3002510273	15L 22S 37E		45735		933781		11386
E W WALDEN	6	3002510274	15M 22S 37E	34723	1272	139615	27868	118548	
E W WALDEN	7	3002510275	15N 22S 37E	49758		2907780		50783	
ELLIOTT B 15	1	3002510277	15G 22S 37E			325424	110061		
ELLIOTT B 15	3	3002510281	15I 22S 37E		51596		2211710		4364
ELLIOTT A 15	5	3002510283	15P 22S 37E		17362		855690		9659
ELLIOTT A 15	6	3002510284	15P 22S 37E	33474		5375690		5097	
WALDEN A	5	3002510291	15E 22S 37E SE SW NW	13839		367822		9749	
ELLIOTT A 15	2	3002510293	15J 22S 37E SW NW SE		2624		218108		808
WALDEN A	3	3002510301	15F 22S 37E SE SE NW	13846		367880		9790	
ELLIOTT B 15	4	3002510302	15A 22S 37E	15317		7899389		878	
E W WALDEN	3	3002510304	15C 22S 37E	20703	106	6445372	741411	2507	31
E W WALDEN	4	3002510305	15C 22S 37E		1782		1235624		91
S E LONG	6	3002511373	11P 22S 37E	21801		905314		63602	
NEW MEXICO S STATE	23	3002512555	2P 22S 37E	48406	33761	10282141	5976067	184	523
BRUNSON B	2	3002512573	3K 22S 37E NE SW	5491		4122002		803	
A B BAKER	3	3002512574	10I 22S 37E		16400		1644934		17
NEW MEXICO S STATE	25	3002520283	2N 22S 37E	8430		27175		346	
NEW MEXICO S STATE	24	3002520390	2J 22S 37E S2 NW NE	62		36319			
HUGH	8	3002521625	14E 22S 37E SW SW NW	3555		261944		5636	
SUN DANGLADE	3	3002522709	13O 22S 37E	112970		625787		33876	
COSSATOT	1	3002523783	12G 22S 37E	522	529	11814	11999	296	330
COSSATOT A	1	3002523906	12B 22S 37E	29508		3686535		3793	
COSSATOT A	2	3002523907	12A 22S 37E	670		2778		355	
COSSATOT B	1	3002523933	12O 22S 37E W2 SW SE	2946	594	138855	18499	2379	525
COSSATOT B	2	3002523934	12M 22S 37E SE SW SW	16107	36	223667	365456	6648	
COSSATOT B	3	3002523967	12N 22S 37E	30930		556355		24445	
POLARIS PARKS	7	3002524070	14K 22S 37E			2938			
PARKS A	8	3002524210	14J 22S 37E NW SE	3790		119664		193	
PARKS	9	3002524211	14N 22S 37E SE SW	36430	62	1217621	1588	35558	43
HINTON	11	3002524229	12F 22S 37E SE NW		551		1193955		8432
COSSATOT D	1	3002524253	13C 22S 37E	64078		763276		61213	
COSSATOT G	1	3002524371	13F 22S 37E	36849		629624		20269	
HINTON	12	3002524373	12K 22S 37E	1340	8515	34358	237101	1554	2787
HINTON	13	3002524426	12L 22S 37E NE NW SW	21413		2940513		11234	
SUN DANGLADE	2	3002524434	13K 22S 37E S2 NE SW	5574	5579	44562	46872	3720	3753
COSSATOT I	1	3002524435	13D 22S 37E	22420	17961	569818	2711035	20967	350
ELLIOTT B-12-2	3	3002524503	12E 22S 37E		14352		4427961		
F J DANGLADE	2	3002524585	13N 22S 37E N2 SE SW	5497	5494	81401	53008	1801	1801
HUGH	9	3002524637	14G 22S 37E	48303		1298848		55164	
ALICE PADDOCK	6	3002524815	1O 22S 37E		85		6397		1319
LOU WORTHAN	13	3002524943	11C 22S 37E						
N G PENROSE	3	3002524990	13G 22S 37E	44524		458177		31255	
HUGH	10	3002525003	14C 22S 37E SE NE NW		37180		3085062		1081
COSSATOT L	1	3002525024	11N 22S 37E						

Lou Worthan #28
30-025-40120
Apache Corp.

Lease Name	Well Number	10DIGITAP	Location	Cum Oil (BBL)		Cum Gas (MCF)		Cum Water (BBL)	
				Blinbry	Tubb	Blinbry	Tubb	Blinbry	Tubb
THOMAS LONG A	1	3002525052	11K 22S 37E	33849		1282967		22509	
HUGH	11	3002525069	14B 22S 37E N2 NW NE		536		11162		2246
EDITH BUTLER B	2	3002525074	13J 22S 37E W2 NW SE	50552		1472887		27635	
THOMAS LONG A	2	3002525089	11L 22S 37E	28982		1081256		20680	
COSSATOT M	2	3002525095	11M 22S 37E NE SW SW						
WHITAKER & PERKINS	2	3002525110	12C 22S 37E SW NE NW	1409	1409	68069	68063	1111	1110
WALTER LYNCH	6	3002525131	1F 22S 37E	14996		461909	50800	7577	
ELLIOTT B 12	2	3002525137	12D 22S 37E NW NW NW	18303	60868	411427	728600	9492	9881
NEW MEXICO S	27	3002525144	2K 22S 37E	59124		1475326		5577	
ELLIOTT B 13	2	3002525148	13E 22S 37E SW NW		46264		831880		12673
LOU WORTHAN	14	3002525255	11A 22S 37E NE NE		19845		920968		12732
NEW MEXICO S	28	3002525268	2F 22S 37E	74955		708312		12403	
NEW MEXICO S STATE	29	3002525276	2L 22S 37E						
NEW MEXICO S	32	3002525277	2G 22S 37E	87377		1632667		21180	
NEW MEXICO S	30	3002525280	2I 22S 37E						
NEW MEXICO S	31	3002525281	2H 22S 37E	9956		950392		27190	
NEW MEXICO S STATE	33	3002525299	2P 22S 37E	139592		1711382		4978	
LOU WORTHAN	15	3002525304	11G 22S 37E		15227		649450		1553
BAKER B	16	3002525312	10N 22S 37E SE SW	629	592	555643	75701	1672	12325
S E LONG	8	3002525322	11J 22S 37E NW SE		33236		5573234		1858
NEW MEXICO S	34	3002525330	2O 22S 37E	51964		810743		1892	
NEW MEXICO S STATE	35	3002525381	2 22S 37E						
LOU WORTHAN	16	3002525383	11B 22S 37E		60132		642590		24599
LOU WORTHAN	17	3002525405	11E 22S 37E						
NEW MEXICO S STATE	36	3002525456	2 22S 37E	34114		205989		7999	
NEW MEXICO S STATE	37	3002525457	2 22S 37E						
NEW MEXICO S	38	3002525508	2E 22S 37E	34216		1878609		8936	
NEW MEXICO S	39	3002525513	2D 22S 37E	79026		1134909		2573	
NEW MEXICO S STATE	40	3002525514	2M 22S 37E		4473		642840		4278
LYNCH CHRISTMAS COM	5	3002525522	1M 22S 37E		8661		1485002		3353
LOU WORTHAN	18	3002525568	11H 22S 37E NW SE NE		122251		1161665		3436
WALTER LYNCH	8	3002525644	1E 22S 37E	11474		1316340		5706	
HUGH	12	3002525739	14H 22S 37E SE SE NE						
MARK	10	3002525785	3H 22S 37E NE SE NE						
HUGH	13	3002525906	14A 22S 37E SE NE NE		22810		4490260		992
MARK	11	3002526051	3 22S 37E NW NE NE	15571		840319		15917	
MARK	12	3002526052	3G 22S 37E						
HUGH	14	3002526122	14G 22S 37E						
EAVES	7	3002526212	10H 22S 37E SE SE NE						
ALICE PADDOCK	8	3002526286	1J 22S 37E NW NW SE		7294		676003		3592
BRUNSON C	13	3002526639	3I 22S 37E						
HUGH	15	3002528292	14E 22S 37E		10027		635283		5840
PARKS	10	3002528476	14K 22S 37E N2 NE SW	15837		618159		4323	
PARKS A	12	3002528678	14I 22S 37E NE SE	29707		1429237		13588	
ALICE PADDOCK	10	3002529117	1I 22S 37E NE SE	39382		197365		30038	
LOU WORTHAN	19	3002529469	11D 22S 37E NW NW	15124		1146552		3313	
N G PENROSE	4	3002529979	13A 22S 37E NE NE	29566	821	133267	77639	10156	227
LOU WORTHAN	20	3002530285	11F 22S 37E SE NW						
BAKER B	17	3002533117	10N 22S 37E						
BAKER B	18	3002533376	10K 22S 37E						
LOU WORTHAN	21	3002533426	11B 22S 37E	32507		3398960		2110	
A B BAKER	5	3002533528	10P 22S 37E						
A B BAKER	6	3002533794	10I 22S 37E	2691		186028		19800	
BRUNSON ARGO	21	3002533824	10F 22S 37E	6964		819016		11264	
BRUNSON ARGO	22	3002533825	10C 22S 37E SW NE NW						
BRUNSON ARGO	23	3002533826	10E 22S 37E						
BRUNSON ARGO	26	3002533994	10D 22S 37E S2 NW NW						
THOMAS LONG A	3	3002534035	11M 22S 37E	24965		1116509		21087	
PARKS	13	3002534079	14J 22S 37E	32743	6	918217	419	35300	7
ELLIOTT B	3	3002534120	15H 22S 37E	7328		354535		21431	
THOMAS LONG	6	3002536055	11N 22S 37E NE SE SW	1350	2903	7342	370143		4522
E W WALDEN	9	3002538371	15K 22S 37E SE NE SW	3567	4733	58882	75839	8953	6415
E W WALDEN	10	3002538876	15N 22S 37E SE SE SW	4542	3031	58085	65081	33619	286
LOU WORTHAN	3	3002539549	11B 22S 37E NW NE	477	2291	6420	28676		390
WALTER LYNCH	10	3002539550	1 22S 37E	1527	1019	22008	18251	2907	995
E W WALDEN	16	3002539696	15M 22S 37E NE SW	2136	1485	28713	18891	16841	1504
WALTER LYNCH	14	3002540014	1 22S 37E	381	132	1687	1687		
TOTALS				5,362,350	1,970,916	348,855,598	184,714,603	2,404,517	340,173
AVERAGES				36,728	19,135	2,341,313	1,759,187	17,053	3,619

Lou Worthan #28
30-025-40120
Apache Corp.

				Cum Oil (BBL)		Cum Gas (MCF)		Cum Water (BBL)	
Lease Name	Well Number	10DIGIT API	Location	Blinebry	Tubb	Blinebry	Tubb	Blinebry	Tubb
Proposed Allocations				Oil		Gas		Water	
Blinebry				66%		57%		82%	
Tubb				34%		43%		18%	
TOTAL				100%		100%		100%	



HOBBS OCD

August 3, 2011

AUG 04 2011

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

RECEIVED

**RE: Application for Exception to Rule 303-C – Downhole Commingling
Lou Worthan #28 API No. 30-025-40120
Unit H, Section 11, T22S, R37E
Blincy Oil & Gas (Pro Gas) & Tubb Oil & Gas (Oil)
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 script is cursive and fluid, with the first name "Reesa" and last name "Holland" clearly legible.

**Reesa Holland
Sr. Engineering Technician**