

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88201
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

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
June 19, 2008

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

WELL API NO. 30-025-40099
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Owen B
8. Well Number 014
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 N : 1160 feet from the South line and 2023 feet from the West line
Section 34 Township 21S Range 37E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3439' 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:

Pool Names:	Perforations:
Blinebry Oil & Gas (Oil) 6660	Blinebry 5545'-5728'
Tubb Oil & Gas (Oil) 60240	Tubb 5959'-6187'
Drinkard 19190	Drinkard 6586'-6637'

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

	OIL	GAS	WATER
Blinebry	24%	39%	16%
Tubb	8%	34%	7%
Drinkard	68%	27%	77%

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

Spud Date: 04/29/2011

Rig Release Date: 05/08/2011

DHC-HOB-464

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 05/31/2011

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 JUN 03 2011

Conditions of Approval (if any):

JUN 08 2011

DISTRICT I
1625 N. FRANCIS DR., HOHOS, NM 87020

DISTRICT II
1301 W. GRAND AVENUE, ARIZONA, NM 87010

DISTRICT III
1660 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

OIL CONSERVATION DIVISION

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

Form C-102

Revised October 12, 2003

Submit to Appropriate District Office

State Case - 4 Copies

Per Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-40D99	Pool Code 66600	Pool Name Blinchry Oil & Gas (Oil)
Property Code 22877	Property Name OWEN "B"	Well Number 14
GRID No. 873	Operator Name APACHE CORPORATION	Elevation 3439'

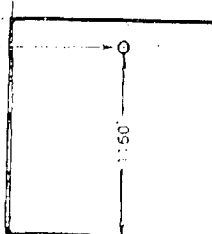
Surface Location

UL or Lot No. N	Section 34	Township 21-S	Range 37-E	Lot No. 1160	Feet from the SOUTH	North/South Line 2023	East/West Line WEST	County LEA
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Bottom Hole Location If Different From Surface

UL or Lot No.	Section	Township	Range	Lot No.	Feet from the	North/South Line	Feet from the	East/West Line	County
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No. NSL-6352						

NO ALLOWABLE WELL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

GEODETIC COORDINATES HAD 27 NME Y=522590.5 N X=864362.6 E LAT.=32.431178° N LONG.=104.152426° W LAT.=32°25'52" N LONG.=103°09'09" 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>Vicki Brown</i> 3/31/11 Signature Date Vicki Brown 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 22, 2010 Date Surveyed DSS Signature & Seal of Professional Surveyor <i>Ronald G. Bidson</i> 01/07/2011 10.11.1854 Certification No. MARY G. BIDSON 12041 RONALD G. BIDSON 3239
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DISTRICT I
1625 N. FRENCH DR., HOBBBS, NM 87429

DISTRICT II
131 W. GRAVE AVENUE, ARTESIA, NM 87010

DISTRICT III
1099 RIO BRAZOS RD., AZTEC, NM 87410

DISTRICT IV
11815 S. ST. FRANCIS DR., SANTA FE, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

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

Form C-102
Revised October 12, 2003
Submit to Appropriate District Office
State Lease - 4 Copies
Red Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-40099	Pool Code 60240	Pool Name Tubb Oil & Gas (Oil)
Property Code 22879	Property Name OWEN "B"	Well Number 14
COORD No. 873	Operator Name APACHE CORPORATION	Elevation 3439'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	34	21-S	37-E		1160	SOUTH	2023	WEST	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-6352			

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

GEODETIC COORDINATES NAD 27 NME Y=522590.5 N X=864362.6 E LAT.=32.431170" N LONG.=104.152426" W LAT.=32°25'52" N LONG.=103°09'09" W 2023' 1160'	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>Vicki Brown</i> 3/31/11 Signature Date VICKI BROWN 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 22, 2010 Date Surveyed DSS Signature & Seal of Professional Surveyor <i>Donald P. Edson</i> 01/07/2011 10.11.1854 Certificate No. DARY O. EDSON 12041 DONALD P. EDSON 3230	

DISTRICT I
1625 N. FRANCHIS DR., HOBBS, NM 87401

DISTRICT II
1301 W. GRAND AVENUE, ALBUQUERQUE, NM 87102

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

OIL CONSERVATION DIVISION

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

Form C-102

Revised October 17, 2003

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-40099	Pool Code 19190	Pool Name DRINKARD
Property Code 22819	Property Name OWEN "B"	Well Number 14
OOIU No. 873	Operator Name APACHE CORPORATION	Elevation 3439'

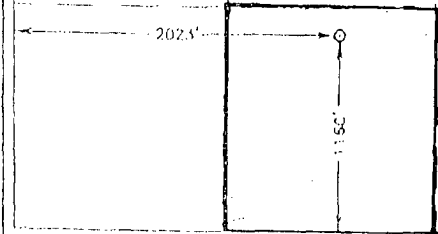
Surface Location

UL or lot No.	Section	Township	Range	Lot No.	Feet from the	North/South line	Feet from the	East/West line	County
N	34	21-S	37-E		1160	SOUTH	2023	WEST	LEA

Bottom Hole Location if Different From Surface

UL or lot No.	Section	Township	Range	Lot No.	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or InHH	Consolidation Code	Order No. NSL-6352						

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

GEODESIC COORDINATES NAD 83 NAD 83 $Y=522590.5$ N $X=864362.6$ E $LAT.=32.431170^{\circ}$ N $LONG.=104.152426^{\circ}$ W $LAT.=32^{\circ}25'52''$ N $LONG.=103^{\circ}09'09''$ 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 undivided 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>Vicki Brown</i> 3/31/11 Signature Date Vicki Brown 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 22, 2010 Date Surveyed OSS Signature & Seal of Professional Surveyor <i>Ronald E. Carlson</i> 10/17/2011 10.11.1854
	Certificate No. DARY O. BROWN 12041 OSHAID O. BROWN 2230



May 31, 2011

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

HOBBS OCD

JUN 02 2011

RECEIVED

RE: Application for Exception to Rule 303-C – Downhole Commingling
Owen B #14 API 30-025-40099
Unit N, Section 34, T21S, R37E
Blinebry Oil & Gas (Oil) 6660, Tubb Oil & Gas (Oil) 60240 & Drinkard (19190)
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.

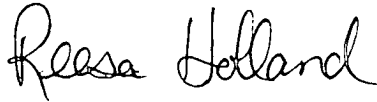
The allocation method used for this well was determined by analyzing the cumulative oil, gas and water production in a nine section area of review surrounding this well. Supporting documentation is shown on the attached spreadsheet. Production for active and inactive wells was grouped by pool in the 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 cursive script that reads "Reesa Holland". The signature is written in black ink and is positioned above the printed name and title.

Reesa Holland
Sr. Engineering Technician

Lease Name	Well Number	10DIGITAPI	Location	Blinetry	Tubb	Drinkard	Blinetry	Tubb	Drinkard	Blinetry	Tubb	Drinkard	Blinetry	Tubb	Drinkard
CHEVRON S E CONE	1	3002506783	26K 21S 37E	146123	4967	111350	3461146	210058	1239119	26871	4429	12325			
SARKEY A	1	3002506784	26G 21S 37E	175883		101931	3614935		2593035	26849		5006			
S J SARKEYS	1	3002506785	26B 21S 37E	115875	8064	9822	2787150	2437519		20607	18				
S E CONE	1	3002506786	26J 21S 37E	55827	29556	120666	2772593	1775050	1156702	12897	14203	31983			
J R CONE AB	1	3002506787	26M 21S 37E C SW SW	89633	10454	102538	4252266	811292	1205744	32023	1455	6259			
J R CONE A	2	3002506788	26L 21S 37E C NW SW	65199	16103	91536	823039	1269449	3953649	30639	1203	17992			
J R CONE B	1	3002506789	26N 21S 37E	29185	1432	104762	767022	4730200	2033	8429	705				
ELMER C HILL	1	3002506790	26P 21S 37E	120596			1263229			7420		114			
S J SARKEYS	1	3002506791	26E 21S 37E C SW NW	58878	21883	120420	1439301	2513744	3159081	7418	39826	5543			
S J SARKEYS 28	2	3002506792	26D 21S 37E C NW NW	332022		116633	4667205		1546941	38498		3257			
S J SARKEYS	3	3002506793	26C 21S 37E C NE NW	105402		108245	4525774		1167335	7131		6489			
S J SARKEYS	4	3002506794	26F 21S 37E	91391	25963	78934	3304159	2477251		18043					
LOCKHART A 27	10	3002506795	27G 21S 37E		45009	242949		2754787	2117920		1150	3645			
LOCKHART A 27	12	3002506796	27D 21S 37E NW NW NW	2396	31528	215	25638	5376914	3740	19131	11854	2378			
LOCKHART A 27	11	3002506797	27H 21S 37E	99423		103538	3960757		3119652	597		7595			
LOCKHART A 27	1	3002506800	27C 21S 37E NW NE NW	29004	990	2954	565984	21619	60836	7811	4128	10370			
LOCKHART A 27	9	3002506802	27E 21S 37E			182200			3164159			24444			
LOCKHART A 27	5	3002506803	27A 21S 37E	31968		85208	8927510		3252055	389		6796			
LOCKHART A 27	6	3002506804	27B 21S 37E			76990			1327329			4565			
LOCKHART A 27	8	3002506805	27D 21S 37E S2 NW NW	38895		112649	3805998		623112			2861			
LOCKHART A 27	7	3002506806	27C 21S 37E			126871			949018			6639			
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	9380	199191	900	887257	1417291	6801	27838	3293			
F F HARDISON B	6	3002506809	27J 21S 37E NW SE	17965		208910	226080		1439846	15081		1269			
F F HARDISON B	7	3002506810	27P 21S 37E	5607	15675	210147	3545861	1617160	2301632	8340		6577			
F F HARDISON B	8	3002506811	27I 21S 37E	40322		258742	6552030		986919	6151		7547			
UNIT	125	3002506813	28O 21S 37E	17127		175867	1405139		325953	59		221			
J N CARSON NCT A	10	3002506816	28J 21S 37E NW SE	29817			906636			8213					
UNIT	115	3002506818	28K 21S 37E			164855			331234			1202			
MARSHALL B	2	3002506819	27M 21S 37E SW SW		27875	177451		3341657	1336654		4428	9308			
MARSHALL B	3	3002506820	27K 21S 37E NE SW		3200	79588		198009	1835181		4844	1917			
W S MARSHALL B	4	3002506821	27L 21S 37E C NW SW	28285		164569	7126051		726561	768		4279			
MARSHALL B	7	3002506822	27L 21S 37E NW NW SW		2137			215633			7048				
W S MARSHALL B	2	3002506824	27M 21S 37E		21675			3198585			336				
MARSHALL B	8	3002506825	27L 21S 37E	29209			96710			14951					
MARSHALL B	9	3002506826	27K 21S 37E NW NE SW	67206			678875			36324					
UNIT	126	3002506831	28P 21S 37E		41810	122002		4674523	192467		1486	6444			
UNIT	113	3002506832	28I 21S 37E			254375			881419			52939			
J N CARSON NCT C	6	3002506833	28P 21S 37E SW SE SE	23453			7417712			1027					
J N CARSON NCT C	9	3002506836	28I 21S 37E	32244			963577			19050					
UNIT	109	3002506840	28E 21S 37E			208446			358269			365			
UNIT	110	3002506841	28F 21S 37E	10693		235030	2563254		1163855			750849			
UNIT	104	3002506842	28D 21S 37E SW NW NW			130085			622988			372924			
EUNICE KING	8	3002506844	28H 21S 37E C SE NE	66076	4156	168965	1105326	35817		50154	2389				
UNIT	111	3002506845	28G 21S 37E	80251		204010	4678308		481132	2654		3760			
EUNICE KING	10	3002506846	28B 21S 37E C NW NE	51655			759740			15271					
UNIT	102	3002506847	28B 21S 37E NW NW NE			137428			231995			16952			
UNIT	401	3002506848	28A 21S 37E C NE NE			5397			585130			230			
EUNICE KING	13	3002506849	28A 21S 37E	97863	15927	156657	2721265	5430287		40756	332				
J N CARSON NCT A	9	3002506850	28K 21S 37E	12156	4714		6376855	3152552		1444	9210				
EUNICE KING	14	3002506851	28G 21S 37E NW SW NE	18357	3820		263475	486470		12593	22848				
EUNICE KING	15	3002506852	28F 21S 37E SE SE NW	45058			2739350			15538					
UNIT	101	3002506853	28A 21S 37E			81119			666792			199313			
EUNICE KING	18	3002506855	28E 21S 37E		6239			942488		658					
EUNICE KING	19	3002506856	28C 21S 37E C NE NW	141196			3473879			27964					
J R CONE B	2	3002506860	26O 21S 37E	110690		202964	2894336		1230250	44239		1492			
UNIT	114	3002506861	28J 21S 37E		26982	334545		1696615	757999	254		356001			
UNIT	103	3002506862	28C 21S 37E		28458	461920		4952056	1334266			572826			
EUNICE KING	24	3002506864	28E 21S 37E	43032			1692461			9164					
EUNICE KING	104	3002506865	28D 21S 37E SE NW NW	126117	5659	179970	1333114	350702		74259	11091				
UNIT	112	3002506866	28I 21S 37E NW SE NE			136741			346048			435633			
UNIT	116	3002506867	28L 21S 37E			661008			1744837			1090709			
UNIT	123	3002506868	28M 21S 37E			234998			386801			264			
UNIT	124	3002506870	28N 21S 37E			542209			1130490			1087831			
E O CARSON	17	3002506871	28N 21S 37E SE SW	4041	9385		1386293	1303109		4669	6539				
E O CARSON	19	3002506873	28L 21S 37E	32687	18581		5085733	3600039		45497	7212				
J N CARSON NCT A	3	3002506899	33B 21S 37E			196005									
UNIT	154	3002506960	33M 21S 37E			242721			1145404			315391			
J G HARE	1	3002506961	33N 21S 37E	681	2675	178720	4891	104878	492670	341	16507	26176			
UNIT	148	3002506962	33L 21S 37E			170732			1194681			311304			
UNIT	147	3002506963	33K 21S 37E			134316			910671			142			
J G HARE	4	3002506964	33N 21S 37E	60974			734826			19382					
J G HARE	5	3002506965	33K 21S 37E	15181			910762			170					
J G HARE	6	3002506966	33L 21S 37E	14917			171170			21716					
J G HARE	7	3002506967	33M 21S 37E	53559	26982		454052	3287668		46406					
HUGH CORRIGAN	145	3002506968	33I 21S 37E			82876			122728			13927			
UNIT	127	3002506970	33A 21S 37E	2361		130350	1031509		2475739	2419		13487			
J N CARSON NCT A	7	3002506973	33D 21S 37E	2564		124362	415328		535389	2580		1501050			
CARSON WATSON COM	2	3002506974	33H 21S 37E		7529	149235		1909285	294096		2113	14830			
CARSON WATSON COM	2	3002506975	33I 21S 37E	30305	7300		3348473	1596042		11158	1181				
UNIT	130	3002506976	33D 21S 37E			81251			1849054			888726			
E O CARSON	5	3002506977	33G 21S 37E	9077			679814			44772					
UNIT	141	3002506978	33E 21S 37E			74889			536802			516			
UNIT	129	3002506979	33C 21S 37E		4370	107218		308236	538150		2057	847			
UNIT	142	3002506980	33F 21S 37E	20131	30294	162348	3337790	2669051	610379			1640426			
E O CARSON	9	3002506981	33E 21S 37E	23321	10895	16911	1322646	2044775		19957	4565				
E O CARSON	10	3002506982	33F 21S 37E	17418		15309	755023			15095					

				Cum Oil (BBU)			Cum Gas (MCF)			Cum Water (BBU)		
Lease Name	Well Number	10DIGITAPI	Location	Blinebry	Tubb	Drinkard	Blinebry	Tubb	Drinkard	Blinebry	Tubb	Drinkard
E O CARSON	11	3002506983	33G 21S 37E			108385						
CARSON WATSON COM	13	3002506984	33G 21S 37E SE SW NE		187			137850			287	
E O CARSON	14	3002506985	33C 21S 37E	36589	329		2464290			21765		
E O CARSON	16	3002506987	33D 21S 37E	22741	25		798388	8106		31250	1500	
UNIT	157	3002506989	33P 21S 37E			132462			609806			12192
UNIT	146	3002506991	33J 21S 37E			81082			624042			176610
H CORRIGAN	5	3002506992	33J 21S 37E	8360		71377	292610			8191		
UNIT	156	3002506993	33O 21S 37E		5510	141610		188744	714514		8238	12776
CORRIGAN GAS COM	7	3002506994	33P 21S 37E	22343	14443		23/3471	3433748		8820	1331	
OWEN B	1	3002506996	34M 21S 37E	5376		107962	361274		1637614	3289		8568
OWEN B	2	3002506997	34L 21S 37E		77909	212634		5863917	1520696		46354	48538
OWEN B	3	3002506998	34K 21S 37E			198875			1925439			10136
OWEN B	4	3002506999	34N 21S 37E	77103		187369	10266802		279065	70512		7052
OWEN B	2	3002507000	34L 21S 37E		78621			6953142			14624	
MARK OWEN	4	3002507003	34J 21S 37E	7717	4763	153973	1272133	554425	208	13408	7234	580
MARK OWEN	5	3002507004	34P 21S 37E	4087	33716	187905	633457	3337338	3224787	3015		4619
MARK OWEN	6	3002507005	34O 21S 37E SW SW SE	42903	403	171900	3190533	90285	2365710	2447	2256	765
F F HARDISON B	1	3002507008	34H 21S 37E	34678	2473	193329	1479424	130730	538950	9761		995
F F HARDISON B	2	3002507009	34A 21S 37E	66502	10398	178726	1247055	505314		20431		
F F HARDISON B	3	3002507010	34G 21S 37E SE SW NE	17588	20	187981	809376	68691	828125	16052	250	3132
F F HARDISON B	4	3002507011	34B 21S 37E	60862		239829	5511529		2043390	17679		6266
MARSHALL COM	2	3002507012	34F 21S 37E SE NW	11781		127908	1144933		2323478	13104		7716
MARSHALL COM	1	3002507013	34E 21S 37E E2 SW NW	7007		141717	546116		1606502	8270		5312
MARSHALL COM	3	3002507014	34D 21S 37E	42773		101562	5001558		2993082	15702		11332
MARSHALL COM	5	3002507016	34C 21S 37E	8265	12699	173945	257197	2871566	597690	24183	5154	15515
OWEN	1	3002507021	35P 21S 37E SE SE	45749		222562	278469		1151266	6639		209
MARK OWEN	3	3002507022	34I 21S 37E	23791		172418	3944534		3063568	3034		5483
OWEN	2	3002507023	35O 21S 37E	3213		226436	1339321		815187	21		1006
OWEN	3	3002507024	35J 21S 37E	9379	36802	205046	196245	2821039	1236600	6684		
OWEN	7	3002507028	35I 21S 37E	63598		212012	543260		572101	182071		
LOCKHART B 35	1	3002507029	35G 21S 37E	59389	89081	113118	432230	5315550	550309	19818	21416	3526
LOCKHART A 35	1	3002507030	35D 21S 37E	40053		211348	3268250		888086	60059		2319
LOCKHART A 35	2	3002507031	35F 21S 37E	75054	6891	191681	692916	275285		20605	5151	
LOCKHART A 35	3	3002507032	35C 21S 37E	49624	22692	169925	1650763	2731378	2958541	10749	5041	8998
LOCKHART B 35	2	3002507033	35B 21S 37E	61575		151317	1920783			25025		
LOCKHART B 35	3	3002507034	35H 21S 37E	62688	13981	188553	913401	211039	964461	31913	21164	23799
LOCKHART B 35	4	3002507035	35A 21S 37E SW NE NE	83357	3936	191362	842483	88872	1181779	47510	15913	12207
E M ELLIOTT	1	3002507036	35E 21S 37E	52677	44	226858	5239438	6731	207951	17790	310	17613
MARK OWEN	1	3002507037	35L 21S 37E NW SW		3439	252810		1712762	2563887		6770	3909
MARK OWEN	2	3002507038	35M 21S 37E	44097		140327	5182486		2150234	2998		2400
MARK OWEN	3	3002507039	35N 21S 37E	19448	36676	128407	1930214	4559196	1543731	4282	2016	2125
MARK OWEN	4	3002507040	35K 21S 37E	22125		178243	1030760		2286811	10398		873
MARSHALL B	1	3002509934	27N 21S 37E	41202		167235	967874		1551522	27061		3406
NEW MEXICO S STATE	7	3002509956	2N 22S 37E	3687			636819			1554		
NEW MEXICO S	12	3002509961	2A 22S 37E	82890	4007	166902	4658779	52735	2225615	16927	6494	3852
NEW MEXICO S STATE	13	3002509962	2 22S 37E		35057	195258		5430244	3599938		2583	2689
NEW MEXICO S STATE	14	3002509963	2C 22S 37E	79989		163176	6225499		2778023	14615		1016
NEW MEXICO S STATE	16	3002509965	2D 22S 37E						648532			
NEW MEXICO S STATE	20	3002509969	2E 22S 37E		33448	100076	5368788		2293588		5457	15
NEW MEXICO S	21	3002509970	2L 22S 37E	34687	20318	12969	8732139	3884213		4261	525	
NEW MEXICO S	22	3002509971	2M 22S 37E	100636		167921	2876105		1100677	16194		1032
BRUNSON B	3	3002509976	3M 22S 37E		3828	105274		195594	1632779		18	30553
BRUNSON B	6	3002509978	3M 22S 37E SW SW SW	13343			2742642				4	
BRUNSON B	7	3002509980	3N 22S 37E SE SE SW		858	148362	49064	617477	2314614		175	40
BRUNSON C	4	3002509986	3J 22S 37E C NW SE	185801	692	49975	410673	48000	4671836	625	617	10343
BRUNSON C	5	3002509987	3O 22S 37E	11917		179768	4011617		4571671	4139		7722
BRUNSON C	6	3002509988	3I 22S 37E NE NE SE	450	34079	159059	47914	7275564	5574273	387	11709	1559
BRUNSON C	7	3002509989	3P 22S 37E NE SE SE	33226	969	136640	9683089	30555	4620313	4527	558	12389
MARK	2	3002509991	3 22S 37E		6059	124310		352988	3616164		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			2254189			5573	
MARK	7	3002509997	3H 22S 37E	60566		97659	6369254		3050999	10239		2469
MARK	8	3002509998	3 22S 37E	15512			560294			18156		
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	12598		69501	661815		2874087	13973		17768
OWEN A	1	3002510005	3E 22S 37E SW NW	12181		58168	1510560		6482	23269		1896
H CORRIGAN	4	3002510006	4 22S 37E	11032	17034	143798	143592	2489256	2084637	27320	347	117
H CORRIGAN	5	3002510010	4G 22S 37E C SW NE			15355			2150306			1752
H CORRIGAN	6	3002510011	4B 22S 37E	11491			270464			8065		
H CORRIGAN	7	3002510012	4H 22S 37E	16127	13267		251869	151180		41382	6472	
H CORRIGAN	8	3002510013	4 22S 37E	6758		179613	53977		2705245	17373		3078
H CORRIGAN	9	3002510014	4C 22S 37E	46728		81359	2790634			16497		
H CORRIGAN	10	3002510015	4H 22S 37E			110810			657188			2047
BRUNSON B	1	3002510016	4I 22S 37E	26185	9267		268103	163155		25420	3525	
BRUNSON B	5	3002510019	4I 22S 37E			158029			1379061			1539
E A STICHER	2	3002510024	4N 22S 37E	19470		7053	601173		673111	31804		6992
E A STICHER	3	3002510025	4N 22S 37E		6674	48277		161775	225003		4688	628
W M RINEWALT	2	3002510026	4E 22S 37E NE SW NW	11494		3011	126175		1321926	42911		5152
W M RINEWALT	3	3002510027	4E 22S 37E	4495		79780	8179		133776	3677		296
R L BRUNSON	1	3002510030	4J 22S 37E	19389	3821	139609	576776	240755	850094	6369		4646
R L BRUNSON	4	3002510031	4O 22S 37E SW SE			16087			1797920			18090
R L BRUNSON	5	3002510032	4J 22S 37E NW SE			24180			1110225			88812
R L BRUNSON	7	3002510033	4O 22S 37E SW SE	82762		88449	2444604		636505	25495		5131
RINEWALT	1	3002510034	4F 22S 37E SE SE NW	28509		153998	869393		144626	6323		716

Lease Name	Well Number	10DIGITAPI	Location	Cum Oil (BBL)			Cum Gas (MCF)			Cum Water (BBL)		
				Blinbry	Tubb	Drinkard	Blinbry	Tubb	Drinkard	Blinbry	Tubb	Drinkard
RINEWALT	2	3002510035	4 22S 37E	24349	4838	157942	1105280	196810		38621		
RINEWALT	3	3002510036	4F 22S 37E			62201			2836874			53450
RINEWALT	4	3002510037	4 22S 37E		14715	14256		2296526	1669516		16138	12267
E A STICHER	2	3002510039	4L 22S 37E NW SW			108352			772218			10132
E A STICHER	3	3002510040	4K 22S 37E SW NE SW	3312	4487	166156	36528	171175	1027030	18812	3361	8475
E A STICHER	4	3002510041	4L 22S 37E	7467	10049		377060	2160432		86	4556	
RINEWALT	1	3002510042	4 22S 37E	34318			870775			5670		
RINEWALT A	1	3002510043	4 22S 37E			307077			3088000			91174
RINEWALT B	1	3002510044	4 22S 37E	39987	2489		1232154	1499622		24472	14436	
R L BRUNSON	2	3002510045	4P 22S 37E SE SE			149764			1066987			3746
R L CLIFTON	2	3002510046	4M 22S 37E SE SW SW	30112	2899	38732	1111027	82551	1068626	11059	7446	5447
R L BRUNSON	1	3002510047	4P 22S 37E C SE SE	32617			1379873			10229		
MARK	5	3002510049	3 22S 37E		74244	248549		4631879	5140553		11966	19603
NEW MEXICO S STATE	23	3002512555	2P 22S 37E	48406	33761		10282141	5974768		184	523	
BRUNSON B	2	3002512573	3K 22S 37E NE SW	5491		109646	4121834		1339477	803		96
NEW MEXICO S STATE	25	3002520283	2N 22S 37E	8430		3835	27175		1643828	346		12
NEW MEXICO S STATE	24	3002520390	2J 22S 37E S2 NW NE	62		1602	35561		839084			53
S E CONE	2	3002521119	26I 21S 37E NW NE SE		545	55810		9898	493669		467	15092
S J SARKEYS A	1	3002521278	26A 21S 37E	91294		33170	77992		350439	10974		1953
SARKEY A	2	3002521602	26H 21S 37E	114571		86460	512845		352754	18767		11301
ELMER C HILL	2	3002521878	26P 21S 37E NW SE SE	1391	677	27330	21693	29475	799349	633	633	11929
S J SARKEYS B	2	3002521920	26B 21S 37E	16234		10449	131139		83897	3861		2491
S J SARKEYS 26	5	3002522023	26C 21S 37E NE NE NW		19193			582013			7120	
S J SARKEYS	4	3002522090	26F 21S 37E		30933	57148		2842552	1812497		310	21794
S E CONE	4	3002522141	26I 21S 37E	75284			365566			29027		
J R CONE B	3	3002522959	26O 21S 37E S2 SW SE		1473			77408			2403	
J R CONE B	4	3002523041	26N 21S 37E E2 SE SW	1123			28579			1865		
MARSHALL COM	5	3002524471	34C 21S 37E		15168	4036		3597787	560467		7474	5712
MARK OWEN	3	3002525130	35N 21S 37E E2 SE SW		37628			5198342			1996	
NEW MEXICO S	27	3002525144	2K 22S 37E	59022		674	1474447		351898	5515		
UNIT	402	3002525157	33N 21S 37E			1036			594784			204
UNIT	403	3002525158	33M 21S 37E			1610			1366447			17748
UNIT	408	3002525184	28D 21S 37E			1947			1468839			4260
UNIT	409	3002525212	28C 21S 37E SE NE NW			775			1112388			1805
UNIT	411	3002525222	28B 21S 37E			3322			1157391			4264
UNIT	410	3002525235	33O 21S 37E			1152			887991			2538
UNIT	414	3002525252	28H 21S 37E			1564			691410			24817
UNIT	415	3002525253	28I 21S 37E			2262			2172421			2036
UNIT	416	3002525262	28P 21S 37E			755			1258277			1050
NEW MEXICO S	28	3002525268	2F 22S 37E	74813		2613	707842		1795755	12117		
NEW MEXICO S STATE	29	3002525276	2L 22S 37E			59			1387180			
NEW MEXICO S	32	3002525277	2G 22S 37E	87275		2704	1630515		553731	21149		
NEW MEXICO S	30	3002525280	2I 22S 37E			179			633293			
NEW MEXICO S	31	3002525281	2H 22S 37E	9888		696	949695		88974	27159		
NEW MEXICO S STATE	33	3002525299	2P 22S 37E	139592		2845	1711382		1940665	4978		
NEW MEXICO S	34	3002525330	2O 22S 37E	51828		2776	809380		1046326	1861		394
UNIT	406	3002525335	33J 21S 37E			1174			2062757			810
UNIT	407	3002525336	33P 21S 37E			1079			134965			443
UNIT	420	3002525337	33H 21S 37E			1011			181282			5715
NEW MEXICO S STATE	36	3002525456	2 22S 37E	34035			205069			7926		
OWEN	8	3002525479	35I 21S 37E NE SE		10061			438018			2117	
MARK OWEN	2	3002525481	35M 21S 37E	49207	8217		11114313	698449		4190	8524	
NEW MEXICO S STATE	38	3002525508	2E 22S 37E	34148				1876967		8927		
NEW MEXICO S STATE	39	3002525513	2 22S 37E	78815			1134693			2552		
NEW MEXICO S STATE	40	3002525514	2M 22S 37E		4473			641748			4278	
UNIT	417	3002525545	28K 21S 37E			72413			141296			1065432
UNIT	424	3002525549	28L 21S 37E			9981			2059983			278341
UNIT	423	3002525627	28N 21S 37E			455			3059070			3307
UNIT	419	3002525694	28L 21S 37E			49189			373155			331119
UNIT	422	3002525696	33D 21S 37E			472			2477134			1200
F F HARDISON B	10	3002525929	34A 21S 37E			299			3289			9
MARK	11	3002526051	3 22S 37E NW NE NE	15563			839400			15900		
UNIT	425	3002526444	28G 21S 37E			242			1023082			2193
UNIT	430	3002526449	33E 21S 37E			769			1227493			2822
UNIT	431	3002526450	33K 21S 37E			1202			67539			2963
MARK OWEN	9	3002529468	35L 21S 37E NW SW	23189			227162			7913		
MARSHALL B	10	3002529797	27M 21S 37E SW SW	12220			817855			10972		
S J SARKEYS 26	7	3002533851	26D 21S 37E			22955			173196			3864
LOCKHART A 27	15	3002534171	27F 21S 37E	5445		10010	156842		500403	3109		6162
LOCKHART A 27	16	3002534312	27D 21S 37E NW NE	2167			988693			3400		
OWEN B	6	3002534321	34K 21S 37E NE SW	584	1130	1193	304346	428898	249589	392	7498	5737
E O CARSON	24	3002534353	26M 21S 37E SW SW	19418			531686			29590		
OWEN B	10	3002535638	34L 21S 37E	6645			522018			5155		
OWEN B	12	3002537239	34M 21S 37E SE SW SW	14894	5164	6718	147215	83812	21762	9027	3003	5467
UNIT	434	3002537805	28B 21S 37E NW NW NE			9103			4685			50413
H CORRIGAN	18	3002538009	4 22S 37E NE NE NE	2395	1159		44918	23900		5391	4351	
H CORRIGAN	20	3002538219	4H 22S 37E NE SE NE	2404	235	1222	84019	8957	44943	19378	4604	18170
RINEWALT	8	3002538224	4 22S 37E SE NE NW	17396	1448	17398	138643		84974	4693	8349	
H CORRIGAN	21	3002538902	4 22S 37E NW NW NE	563	266	2519	15266	12790	13202	6915	1274	10008
E O CARSON	27	3002539024	33F 21S 37E SW SE NW		2754			190273			45654	
LOCKHART B 35	9	3002539037	35A 21S 37E NE NE NE	4861	1184	425	45912	6498	2165	13146	7275	2421
LOCKHART A 35	5	3002539050	35F 21S 37E NW SE NW	4066	1191	1572	70049	18311	24090	13125	3073	4039
LOCKHART A 27	23	3002539114	27C 21S 37E SE NE NW	591	1972	5460	30976	15173	42609	780	1131	2917
LOCKHART A 27	26	3002539115	27H 21S 37E NE SE NE	4519	1978	2119	138430	52784	57472	2838	1400	1405
MARSHALL B	14	3002539551	27K 21S 37E	1061	434	2703	22337	25529	13429	920	388	2887
MARK OWEN	5	3002539558	35K 21S 37E	840	389	2003	18784	17301	13346	793	305	428
J C HARE	18	3002539688	33N 21S 37E	3531	1055		24140	26159		6194	1008	

Owen B #14
30-025-40099
Apache Corp.

Lease Name	Well Number	10DIGITAPI	Location	Cum Oil (BBL)			Cum Gas (MCF)			Cum Water (BBL)		
				Blinobry	Tubb	Drinkard	Blinobry	Tubb	Drinkard	Blinobry	Tubb	Drinkard
H CORRIGAN	22	3002539715	4 22S 37E	580	205	2254	3073	2352	2802	1981	495	2910
OWEN B	13	3002539732	34N 21S 37E			89			1021			179
TOTALS				6,627,212	1,486,881	22,302,188	313,240,545	176,345,296	241,143,033	2,557,617	614,470	12,713,495
AVERAGES				39,684	13,767	110,956	1,864,527	1,663,635	1,310,560	15,691	6,468	73,488

Proposed Allocations	Oil	Gas	Water
Blinobry	24%	39%	16%
Tubb	8%	34%	7%
Drinkard	68%	27%	77%
TOTAL	100%	100%	100%



AFE No: PA- 11- 0252

Owen B #14

API #: 30-025-40099
1160' FSL & 2023' FWL
Section 34, Township 21S, Range 37E
Lea County, New Mexico

HOBBS OCD

JUN 02 2011

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Completion Procedure – Blinebry-Tubb-Drinkard

20 May 2011

Recommended Procedure:

Note: 5-1/2", 17#, J-55 & L-80 csg set @ 7319' w/1,200 sx cmt. (Circ 180 sx).
(987' of L-80 csg on top). PBTB @ +/-7274'.

Drinkard:

1. MIRU PU. Install BOP. Pressure test csg.
2. MIRU wireline unit. Run GR/CCL/CBL log from PBTB +/- 7274' to surface. Correlate to Weatherford Compensated Photo Density/Compensated Neutron/Spectral Gamma Ray log dated 5/7/11.
3. Perforate the Drinkard interval @ 6586' – 92', 96' – 6602', 6614' – 20', 22' – 26', 31' – 33' & 35' – 37' w/2 spf, 120 degree phasing. Total = 64 shots.
4. RIH w/2-7/8", 6.5#, J-55 tbg and pkr. Set pkr @ +/- 6500'. Load backside w/2% KCL and pressure to 500 psi.
5. Acidize the Drinkard interval w/3,000 gals 15% HCL-NE-FE BXDX acid and ball sealers. Attempt to get +/- 6 BPM rate with max treating pressure of 5,000 psi.
6. Release pkr & run thru perms to knock off balls. POOH.
7. RU frac equipment. Pump 1 drum corrosion inhibitor followed by 10 bbls 2% KCL spacer. Pump 2 drums scale inhibitor followed by 10 bbls 2% KCL spacer.
8. Frac the Drinkard interval w/50,000# 20/40 SLC (or equivalent) resin coated sand down 5-1/2" csg @ 40 BPM in 35# XL gel as per frac recommendation.
9. Spot 1000 gals 15% HCL from 6200' – 5200' during Drinkard frac flush.
10. RIH and set a composite bridge plug above the Drinkard interval @ +/- 6400'.

Tubb:

1. Perforate the Tubb interval @ 5959', 61', 63', 73', 75', 79', 81', 6001', 03', 05', 07', 09', 23', 31', 34', 43', 48', 90', 97', 99', 6114', 37', 39', 43', 55', 57', 65', 74', 85' & 87' w/2 spf, 120 degree phasing. (Total : 60 shots).
2. Acidize the Tubb interval w/3,000 gals 15% HCL acid and ball sealers.
3. RIH w/junk basket & gauge ring and run through perms to knock off balls. POOH.
4. RU frac equipment. Pump 1 drum corrosion inhibitor followed by 10 bbls of 2% KCL spacer. Pump 2 drums scale inhibitor and flush w/10 bbls 2% KCL spacer.
5. Frac the Tubb interval w/80,000# 20/40 SLC (or equivalent) resin coated sand down 5-1/2" csg @ 40 BPM in 25# XL gel as per frac recommendation.
6. Spot 1,000 gals 15% HCL from 5750' – 4750' during Tubb frac flush.
7. RIH and set a composite bridge plug above the Tubb interval @ +/- 5850'.

Blinebry:

1. Perforate the Blinebry interval @ 5545', 47', 58', 61', 63', 65', 70', 5626', 28', 30', 32', 34', 49', 51', 79', 81', 83', 85', 87', 95', 97', 99', 5701', 06', 09', 11', 13', 19', 21' & 28' w/2 spf, 120 degree phasing. (Total : 60 shots).
2. Acidize the Blinebry interval w/3,000 gals 15% HCL and ball sealers.
3. RIH w/junk basket & gauge ring and run through perms to knock off balls. POOH.
4. RU frac equipment. Pump 1 drum corrosion inhibitor followed by 10 bbls of 2% KCL spacer. Pump 2 drums scale inhibitor and flush w/10 bbls 2% KCL spacer.
5. Frac the Blinebry interval w/150,000# 20/40 SLC (or equivalent) resin coated sand down 5-1/2" csg @ 40 BPM in 25# XL gel as per frac recommendation. RD frac equipment.
6. RIH w/2-7/8" tbg and bit. Drill out plugs and clean out to +/- 7250' PBTD.
7. RIH w/2-7/8" production tubing. Land SN @ +/-6650'. RIH w/1-1/2" pump & rods.
8. Install 640 PU.
9. Place well in test.