

CTB PTCW

DATE IN 5.14.12	SUSPENSE	ENGINEER RE	LOGGED IN 5.14.12	TYPE PLC	APP NO. 1213557009
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION  
- Engineering Bureau -  
1220 South St. Francis Drive, Santa Fe, NM 87505



Apache 873

Uno State 2H & High Plains State 1H

ADMINISTRATIVE APPLICATION CHECKLIST

30-025-39830 1H

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

30-025-40334

Application Acronyms:

- [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]  
[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]  
[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]  
[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]  
[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]  
[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

- [A] Location - Spacing Unit - Simultaneous Dedication  
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

- [B] Commingling - Storage ☒ Measurement  
☐ DHC ☒ CTB ☒ PLC ☐ PC ☐ OLS ☐ OLM

- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

- [D] Other: Specify \_\_\_\_\_

23,145, 34E

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply

- [A] ☒ Working, Royalty or Overriding Royalty Interest Owners  
[B] ☐ Offset Operators, Leaseholders or Surface Owner  
[C] ☐ Application is One Which Requires Published Legal Notice  
[D] ☐ Notification and/or Concurrent Approval by BLM or SLO  
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office  
[E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,  
[F] ☒ Waivers are Attached

[3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] CERTIFICATION: I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

REESA HOLLAND  
Print or Type Name

Signature

Reesa Holland

SR STAFF ENGR TECH  
Title

5/14/2012  
Date

Reesa.Holland@apachecorp.com  
e-mail Address

Uno State 2H/High Plains State 1H

CTB - 645

District I  
1625 N. French Drive, Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St Francis Dr, Santa Fe, NM  
87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107-B  
Revised August 1, 2011

**OIL CONSERVATION DIVISION**  
1220 S. St Francis Drive  
Santa Fe, New Mexico 87505

Submit the original  
application to the Santa Fe  
office with one copy to the  
appropriate District Office.

**APPLICATION FOR SURFACE COMMINGLING (DIVERSE OWNERSHIP)**

OPERATOR NAME: Apache Corporation (873)  
OPERATOR ADDRESS: 303 Veterans Airpark Lane Suite 3000 Midland TX 79705  
APPLICATION TYPE:

☐ Pool Commingling ☒ Lease Commingling ☐ Pool and Lease Commingling ☐ Off-Lease Storage and Measurement (Only if not Surface Commingled)

LEASE TYPE: ☐ Fee ☒ State ☐ Federal

Is this an Amendment to existing Order? ☐ Yes ☒ No If "Yes", please include the appropriate Order No. \_\_\_\_\_  
Have the Bureau of Land Management (BLM) and State Land office (SLO) been notified in writing of the proposed commingling  
☒ Yes ☐ No

**(A) POOL COMMINGLING**  
Please attach sheets with the following information

(1) Pool Names and Codes	Gravities / BTU of Non-Commingled Production	Calculated Gravities / BTU of Commingled Production		Calculated Value of Commingled Production	Volumes

- (2) Are any wells producing at top allowables? ☐ Yes ☒ No  
(3) Has all interest owners been notified by certified mail of the proposed commingling? ☐ Yes ☒ No.  
(4) Measurement type: ☐ Metering ☐ Other (Specify)  
(5) Will commingling decrease the value of production? ☐ Yes ☒ No If "yes", describe why commingling should be approved

**(B) LEASE COMMINGLING**  
Please attach sheets with the following information

- (1) Pool Name and Code. Wildcat; Abo (97854)  
(2) Is all production from same source of supply? ☒ Yes ☐ No  
(3) Has all interest owners been notified by certified mail of the proposed commingling? ☒ Yes ☐ No  
(4) Measurement type: ☒ Metering ☐ Other (Specify)

**(C) POOL and LEASE COMMINGLING**  
Please attach sheets with the following information

- (1) Complete Sections A and E.

**(D) OFF-LEASE STORAGE and MEASUREMENT**  
Please attached sheets with the following information

- (1) Is all production from same source of supply? ☐ Yes ☒ No  
(2) Include proof of notice to all interest owners.

**(E) ADDITIONAL INFORMATION (for all application types)**  
Please attach sheets with the following information

- (1) A schematic diagram of facility, including legal location.  
(2) A plat with lease boundaries showing all well and facility locations. Include lease numbers if Federal or State lands are involved.  
(3) Lease Names, Lease and Well Numbers, and API Numbers.

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

SIGNATURE: Reesa Holland TITLE: Sr Staff Reg Tech DATE: 5/16/2012

TYPE OR PRINT NAME Reesa Holland TELEPHONE NO.: 432-818-1062

E-MAIL ADDRESS: Rcesa.Holland@apachecorp.com

**Warnell, Terry G, EMNRD**

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**From:** Holland, Reesa [Reesa.Holland@apachecorp.com]  
**Sent:** Monday, May 14, 2012 3:03 PM  
**To:** Jones, William V., EMNRD  
**Cc:** Warnell, Terry G, EMNRD  
**Subject:** APACHE SURFACE COMMINGLE APPLICATION  
**Attachments:** 20120514153719333.pdf

Good afternoon, Will! Attached is a PLC APPLICATION for Apache's Uno State #2H & High Plains State Com #1H. I am rushing to get it overnighted to you, but in case I miss the FedEx pick-up, I wanted to see if you can tell me when you will be approving surface commingles next? Worst case, you should receive the original on Wednesday. I'd love to be able to submit something that wasn't a rush; however, one interest owner has been the hold-up for over a month now. They were the only waiver we have been waiting on all this time. I know you have a schedule and a ton of approvals for review, so any rush you can put on this would be greatly appreciated. The heater treater is being set sometime this week.

Thanks so much and let me know if you need further information.

- Reesa ☺

*Reesa Holland*

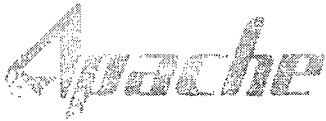
**Apache**

Midland, TX

432/818-1062

[Reesa.Holland@apachecorp.com](mailto:Reesa.Holland@apachecorp.com)

Need form C-107-B



May 14, 2012

Will Jones  
State of New Mexico  
Oil Conservation Division  
1220 South St Francis Dr  
Santa Fe NM 87505

RE: APPLICATION FOR PLC PERMIT  
Uno State #2H (30-025-39830) &  
High Plains State Com #1H (30-025-40334)  
Lea County, New Mexico

Dear Mr. Jones:

Apache Corporation is requesting exception to Rule 303A, Surface Commingle Order, for the two wells listed below:

Uno State #2H (30-025-39830)  
Surface: 330' FNL & 330' FWL, UL D Sec 23 T14S R34E  
BHL: 1680' FNL & 330' FEL, UL H Sec 23 T14S R34E

High Plains State Com #1H (30-025-40334)  
Surface: 1700' FSL & 330' FWL, UL L Sec 23 T14S R34E  
BHL: 1700' FSL & 330' FEL, UL I Sec 23 T14S R34E

All production will be metered separately, at the wellhead, due to different interest ownership. Attached please find the following for your consideration:

- 1) Administrative Application Checklist
- 2) C-102 for each well
- 3) Well Tests
- 4) Map showing the lease boundaries including wells to be commingled
- 5) Schematic of the commingled battery
- 6) Interest Owner Waivers

Sincerely,

Reesa Holland  
Sr Staff Engr Tech

Cc: State Land Office

DISTRICT I  
1025 N. French Dr., Hobbs, NM 88240

DISTRICT II  
1301 W. Grand Avenue, Hobbs, NM 88240

DISTRICT III  
1000 Rio Brazos Rd., Lordsburg, NM 88050

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

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APR 01 2011

HOBBS

State of New Mexico  
Energy, Minerals and Natural Resources Department

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

Form C-102  
Revised October 15, 2009

Submit one copy to appropriate  
District Office

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-39830	Pool Code 9603797854	Pool Name WILCAT; GROUP 6 Abo
Property Code 38240	Property Name UNO STATE	Well Number 2H
OGRID No. 873	Operator Name APACHE CORPORATION	Elevation 4116'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	23	14 S	34 E		330	NORTH	330	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
H	23	14 S	34 E		1680	NORTH	330	EAST	LEA

Dedicated Acres 280	Joint or Infill	Consolidation Code	Order No.
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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

<p><b>SURFACE LOCATION</b> Lat - N 33°05'47.22" Long - W 103°29'20.46" NMSPCE- N 763660.837 E 799910.015 (NAD-83)</p> <p><b>SURFACE LOCATION</b> Lat - N 33°05'46.80" Long - W 103°29'18.64" NMSPCE- N 763594.443 E 758733.322 (NAD-27)</p>	<p><b>PROPOSED BOTTOM HOLE LOCATION</b> Lat - N 33°05'33.97" Long - W 103°28'26.27" NMSPCE- N 762365.943 E 804528.110 (NAD-83)</p> <p><b>PROPOSED BOTTOM HOLE LOCATION</b> Lat - N 33°05'33.54" Long - W 103°28'24.45" NMSPCE- N 762299.644 E 763351.429 (NAD-27)</p>	<p><b>OPERATOR CERTIFICATION</b></p> <p>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.</p> <p>Reesa Holland 3/28/11 Signature Date</p> <p>REESA HOLLAND Printed Name</p> <p><b>SURVEYOR CERTIFICATION</b></p> <p>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.</p> <p>Date Surveyed Signature &amp; Seal of Professional Surveyor Certificate No. Gary L. Jones 7977</p> <p>BASIN SURVEYS</p>
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# Well Test History Report

Page 1 of 3  
5/14/2012 9:09:05 am

Select By: Field

Display: All well tests between 01/01/2012 - 05/12/2012

Test Date	Effective Date	Measured Hours	Type	24 Hour Volumes					Ratios					Fluid Level
				Gr Liquid	OIL	GAS	WAT	LIFT	GOR	GLR	IGOR	IGLR	TGLR	
Field: TATUM														
UNO STATE #2H														
1/5/2012	1/5/2012	24	A	282	85	62	197	0	729	220	0	0	220	
1/6/2012	1/6/2012	24	A	278	88	117	190	0	1,330	421	0	0	421	
1/7/2012	1/7/2012	24	A	243	78	106	165	0	1,359	436	0	0	436	
1/8/2012	1/8/2012	24	A	255	82	102	173	0	1,244	400	0	0	400	
1/9/2012	1/9/2012	24	A	237	82	99	155	0	1,207	418	0	0	418	
1/10/2012	1/10/2012	24	A	223	72	105	151	0	1,458	471	0	0	471	
1/11/2012	1/11/2012	24	A	215	75	94	140	0	1,253	437	0	0	437	
1/12/2012	1/12/2012	24	A	205	72	119	133	0	1,653	580	0	0	580	
1/18/2012	1/18/2012	24	A	212	72	64	140	0	889	302	0	0	302	
1/19/2012	1/19/2012	24	A	262	72	121	190	0	1,681	462	0	0	462	
1/21/2012	1/21/2012	24	A	212	66	97	146	0	1,470	458	0	0	458	
1/22/2012	1/22/2012	24	A	191	66	84	125	0	1,273	440	0	0	440	
1/24/2012	1/24/2012	24	A	189	66	94	123	0	1,424	497	0	0	497	
1/25/2012	1/25/2012	24	A	199	64	83	135	0	1,297	417	0	0	417	
1/26/2012	1/26/2012	24	A	212	64	94	148	0	1,469	443	0	0	443	
1/31/2012	1/31/2012	24	A	188	64	93	124	0	1,453	495	0	0	495	
2/1/2012	2/1/2012	24	A	175	62	89	113	0	1,435	509	0	0	509	
2/2/2012	2/2/2012	24	A	209	69	93	140	0	1,348	445	0	0	445	
2/3/2012	2/3/2012	24	A	218	64	92	154	0	1,438	422	0	0	422	
2/4/2012	2/4/2012	24	A	174	61	85	113	0	1,393	489	0	0	489	
2/5/2012	2/5/2012	24	A	191	64	119	127	0	1,859	623	0	0	623	
2/6/2012	2/6/2012	24	A	191	65	107	126	0	1,646	560	0	0	560	
2/7/2012	2/7/2012	24	A	180	61	96	119	0	1,574	533	0	0	533	
2/8/2012	2/8/2012	24	A	185	61	118	124	0	1,934	638	0	0	638	
2/9/2012	2/9/2012	24	A	182	61	88	121	0	1,443	484	0	0	484	
2/14/2012	2/14/2012	24	A	170	56	91	114	0	1,625	535	0	0	535	
2/16/2012	2/16/2012	24	A	182	64	96	118	0	1,500	527	0	0	527	
2/17/2012	2/17/2012	24	A	174	55	86	119	0	1,564	494	0	0	494	
2/18/2012	2/18/2012	24	A	179	58	90	121	0	1,552	503	0	0	503	
2/19/2012	2/19/2012	24	A	175	55	84	120	0	1,527	480	0	0	480	
2/20/2012	2/20/2012	24	A	174	61	82	113	0	1,344	471	0	0	471	
2/21/2012	2/21/2012	24	A	182	64	116	118	0	1,813	637	0	0	637	
2/22/2012	2/22/2012	24	A	182	61	94	121	0	1,541	516	0	0	516	
2/23/2012	2/23/2012	24	A	185	61	94	124	0	1,541	508	0	0	508	
2/24/2012	2/24/2012	24	A	171	61	111	110	0	1,820	649	0	0	649	
2/28/2012	2/28/2012	24	A	185	62	80	123	0	1,290	432	0	0	432	
2/29/2012	2/29/2012	24	A	180	64	102	116	0	1,594	567	0	0	567	

\*\* All values are recorded using imperial units.

# Well Test History Report

Page 2 of 3  
5/14/2012 9:09:05 am

Select By: Field

Display: All well tests between 01/01/2012 - 05/12/2012

Test Date	Effective Date	Measured Hours	Type	24 Hour Volumes					Ratios					Fluid Level
				Gr Liquid	OIL	GAS	WAT	LIFT	GOR	GLR	IGOR	IGLR	TGLR	
Field: TATUM														
UNO STATE #2H														
3/1/2012	3/1/2012	24	A	196	64	76	132	0	1,188	388	0	0	388	
3/2/2012	3/2/2012	24	A	177	61	80	116	0	1,311	452	0	0	452	
3/3/2012	3/3/2012	24	A	177	64	76	113	0	1,188	429	0	0	429	
3/4/2012	3/4/2012	24	A	182	61	84	121	0	1,377	462	0	0	462	
3/5/2012	3/5/2012	24	A	188	61	82	127	0	1,344	436	0	0	436	
3/6/2012	3/6/2012	24	A	182	61	83	121	0	1,361	456	0	0	456	
3/7/2012	3/7/2012	24	A	185	61	86	124	0	1,410	465	0	0	465	
3/8/2012	3/8/2012	24	A	232	61	73	171	0	1,197	315	0	0	315	
3/13/2012	3/13/2012	24	A	186	60	98	126	0	1,633	527	0	0	527	
3/14/2012	3/14/2012	24	A	173	55	86	118	0	1,564	497	0	0	497	
3/15/2012	3/15/2012	24	A	177	58	87	119	0	1,500	492	0	0	492	
3/16/2012	3/16/2012	24	A	177	61	88	116	0	1,443	497	0	0	497	
3/19/2012	3/19/2012	24	A	177	61	86	116	0	1,410	486	0	0	486	
3/20/2012	3/20/2012	24	A	202	61	93	141	0	1,525	460	0	0	460	
3/21/2012	3/21/2012	24	A	216	66	127	150	0	1,924	588	0	0	588	
3/22/2012	3/22/2012	24	A	184	64	140	120	0	2,188	761	0	0	761	
3/27/2012	3/27/2012	24	A	177	61	118	116	0	1,934	667	0	0	667	
3/28/2012	3/28/2012	24	A	181	61	128	120	0	2,098	707	0	0	707	
3/29/2012	3/29/2012	24	A	181	61	133	120	0	2,180	735	0	0	735	
3/30/2012	3/30/2012	24	A	171	61	127	110	0	2,082	743	0	0	743	
3/31/2012	3/31/2012	24	A	164	58	122	106	0	2,103	744	0	0	744	
4/1/2012	4/1/2012	24	A	166	61	125	105	0	2,049	753	0	0	753	
4/2/2012	4/2/2012	24	A	165	60	128	105	0	2,133	776	0	0	776	
4/3/2012	4/3/2012	24	A	168	58	117	110	0	2,017	696	0	0	696	
4/4/2012	4/4/2012	24	A	140	50	107	90	0	2,140	764	0	0	764	
4/5/2012	4/5/2012	24	A	173	58	128	115	0	2,207	740	0	0	740	
4/6/2012	4/6/2012	24	A	178	58	134	120	0	2,310	753	0	0	753	
4/7/2012	4/7/2012	24	A	178	58	128	120	0	2,207	719	0	0	719	
4/10/2012	4/10/2012	24	A	630	50	125	580	0	2,500	198	0	0	198	
4/11/2012	4/11/2012	24	A	161	51	123	110	0	2,426	765	0	0	765	
4/12/2012	4/12/2012	24	A	164	58	129	106	0	2,224	787	0	0	787	
4/13/2012	4/13/2012	24	A	165	58	137	107	0	2,362	830	0	0	830	
4/14/2012	4/14/2012	24	A	170	60	134	110	0	2,233	788	0	0	788	
4/15/2012	4/15/2012	24	A	155	50	125	105	0	2,500	806	0	0	806	
4/16/2012	4/16/2012	24	A	164	58	126	106	0	2,172	768	0	0	768	
4/17/2012	4/17/2012	24	A	201	61	129	140	0	2,115	642	0	0	642	
4/18/2012	4/18/2012	24	A	171	61	180	110	0	2,951	1,053	0	0	1,053	

\*\* All values are recorded using imperial units.

# Well Test History Report

Page 3 of 3  
5/14/2012 9:09:05 am

Select By: Field

Display: All well tests between 01/01/2012 - 05/12/2012

Test Date	Effective Date	Measured Hours	Type	24 Hour Volumes					Ratios					Fluid Level
				Gr Liquid	OIL	GAS	WAT	LIFT	GOR	GLR	IGOR	IGLR	TGLR	
Field: TATUM														
UNO STATE #2H														
4/19/2012	4/19/2012	24	A	167	61	179	106	0	2,934	1,072	0	0	1,072	
4/24/2012	4/24/2012	24	A	163	61	129	102	0	2,115	791	0	0	791	
4/26/2012	4/26/2012	24	A	167	66	128	101	0	1,939	766	0	0	766	
5/8/2012	5/8/2012	24	A	101	36	55	65	0	1,528	545	0	0	545	
5/9/2012	5/9/2012	24	A	155	55	118	100	0	2,145	761	0	0	761	
5/10/2012	5/10/2012	24	A	117	47	82	70	0	1,745	701	0	0	701	
5/11/2012	5/11/2012	24	A	155	53	90	102	0	1,698	581	0	0	581	
5/12/2012	5/12/2012	24	A	186	66	77	120	0	1,167	414	0	0	414	
Averages by Completion				191	62	104	129	0						

\*\* All values are recorded using imperial units.



# HOBBS OCD

DISTRICT I  
1623 N. French Dr., Hobbs, NM 88240  
Phone: (575) 394-6161 Fax: (575) 393-0720  
DISTRICT II  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-0720  
DISTRICT III  
1600 Rio Hondo Blvd., Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
DISTRICT IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

NOV 10 2011

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

RECEIVED

DAMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number <b>30-025-4034</b>	Pool Code <b>97854</b>	Pool Name <b>Wildcat; Abo</b>
Property Code <b>38916</b>	Property Name <b>HIGH PLAINS STATE COM</b>	Well Number <b>1H</b>
GRID No. <b>873</b>	Operator Name <b>APACHE CORPORATION</b>	Elevation <b>4098'</b>

### Surface Location

UL or lot No.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
L	23	14-S	34-E		1700	SOUTH	330	WEST	LEA

### Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
I	23	14-S	34-E		1700	SOUTH	330	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
<b>160</b>			

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

<p><b>CORNER COORDINATES TABLE</b></p> <p>① - Y=761287.8 N, X=758417.1 E</p> <p>② - Y=761330.3 N, X=763600.7 E</p> <p>③ - Y=759960.1 N, X=758427.9 E</p> <p>④ - Y=760011.1 N, X=763699.8 E</p>	<p><b>GEODETIC COORDINATES</b></p> <p>NAD 27 NME</p> <p><b>SURFACE LOCATION</b></p> <p>Y=760350.7 N</p> <p>X=758754.8 E</p> <p>LAT.=33.087397° N</p> <p>LONG.=103.488517° W</p> <p><b>BOTTOM HOLE LOCATION</b></p> <p>Y=760388.7 N</p> <p>X=763366.7 E</p>	<p><b>OPERATOR CERTIFICATION</b></p> <p>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 no owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Vicki Brown</i> 11/8/11 Signature Date</p> <p><b>Vicki Brown</b> Printed Name</p> <p><i>vicki.brown@apachecorp.com</i> E-mail Address</p>
		<p><b>SURVEYOR CERTIFICATION</b></p> <p>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.</p> <p><b>OCTOBER 27, 2011</b></p> <p>Date of Survey</p> <p>Signature &amp; Seal of Registered Surveyor</p> <p><i>Gary G. Eldson</i> GARY G. ELDSON NEW MEXICO 12641 10/31/11</p> <p>Certificate Number Gary G. Eldson 12641 Roughed Eldson 3239</p> <p>DSS 1985: W.O. 11.11.2323</p>

NOV 16 2011

# Well Test History Report

Page 1 of 2  
5/14/2012 9:09:31 am

Select By: Field

Display: All well tests between 01/01/2012 - 05/12/2012

Test Date	Effective Date	Measured Hours	Type	24 Hour Volumes					Ratios					Fluid Level
				Gr Liquid	OIL	GAS	WAT	LIFT	GOR	GLR	IGOR	IGLR	TGLR	
Field: TATUM														
HIGH PLAINS STATE COM #1H														
3/22/2012	3/22/2012	24	A	493	0	0	493	0		0		0	0	
3/23/2012	3/23/2012	24	A	463	0	0	463	0		0		0	0	
3/24/2012	3/24/2012	24	A	313	0	0	313	0		0		0	0	
3/25/2012	3/25/2012	24	A	462	0	0	462	0		0		0	0	
3/26/2012	3/26/2012	24	A	421	0	0	421	0		0		0	0	
3/27/2012	3/27/2012	24	A	414	0	0	414	0		0		0	0	
3/28/2012	3/28/2012	24	A	480	0	0	480	0		0		0	0	
3/29/2012	3/29/2012	24	A	503	0	0	503	0		0		0	0	
3/30/2012	3/30/2012	24	A	490	0	0	490	0		0		0	0	
3/31/2012	3/31/2012	24	A	487	0	0	487	0		0		0	0	
4/1/2012	4/1/2012	24	A	487	0	0	487	0		0		0	0	
4/2/2012	4/2/2012	24	A	490	0	0	490	0		0		0	0	
4/3/2012	4/3/2012	24	A	470	0	0	470	0		0		0	0	
4/4/2012	4/4/2012	24	A	470	0	0	470	0		0		0	0	
4/5/2012	4/5/2012	24	A	492	0	0	492	0		0		0	0	
4/6/2012	4/6/2012	24	A	500	0	0	500	0		0		0	0	
4/7/2012	4/7/2012	24	A	466	0	0	466	0		0		0	0	
4/8/2012	4/8/2012	24	A	473	0	0	473	0		0		0	0	
4/9/2012	4/9/2012	24	A	470	0	0	470	0		0		0	0	
4/10/2012	4/10/2012	24	A	470	0	0	470	0		0		0	0	
4/11/2012	4/11/2012	24	A	460	0	0	460	0		0		0	0	
4/12/2012	4/12/2012	24	A	454	0	0	454	0		0		0	0	
4/13/2012	4/13/2012	24	A	453	0	0	453	0		0		0	0	
4/14/2012	4/14/2012	24	A	455	0	0	455	0		0		0	0	
4/15/2012	4/15/2012	24	A	457	0	0	457	0		0		0	0	
4/16/2012	4/16/2012	24	A	451	0	0	451	0		0		0	0	
4/17/2012	4/17/2012	24	A	495	0	0	495	0		0		0	0	
4/18/2012	4/18/2012	24	A	489	0	0	489	0		0		0	0	
4/19/2012	4/19/2012	24	A	454	0	0	454	0		0		0	0	
4/21/2012	4/21/2012	24	A	459	0	0	459	0		0		0	0	
4/22/2012	4/22/2012	24	A	430	0	0	430	0		0		0	0	
4/23/2012	4/23/2012	24	A	460	0	0	460	0		0		0	0	
4/24/2012	4/24/2012	24	A	460	0	0	460	0		0		0	0	
4/25/2012	4/25/2012	24	A	392	0	0	392	0		0		0	0	
4/26/2012	4/26/2012	24	A	346	0	0	346	0		0		0	0	
4/28/2012	4/28/2012	24	A	450	0	0	450	0		0		0	0	
4/30/2012	4/30/2012	24	A	438	0	0	438	0		0		0	0	

\*\* All values are recorded using imperial units.

# Well Test History Report

Page 2 of 2  
5/14/2012 9:09:31 am

Select By: Field

Display: All well tests between 01/01/2012 - 05/12/2012

Test Date	Effective Date	Measured Hours	Type	24 Hour Volumes					Ratios					Fluid Level
				Gr Liquid	OIL	GAS	WAT	LIFT	GOR	GLR	IGOR	IGLR	TGLR	
Field: TATUM														
HIGH PLAINS STATE COM #1H														
5/1/2012	5/1/2012	24	A	415	0	0	415	0		0		0	0	
5/2/2012	5/2/2012	24	A	425	0	0	425	0		0		0	0	
5/3/2012	5/3/2012	24	A	414	0	0	414	0		0		0	0	
5/4/2012	5/4/2012	24	A	425	0	0	425	0		0		0	0	
5/5/2012	5/5/2012	24	A	401	0	0	401	0		0		0	0	
5/6/2012	5/6/2012	24	A	405	0	0	405	0		0		0	0	
5/7/2012	5/7/2012	24	A	149	0	0	149	0		0		0	0	
5/8/2012	5/8/2012	24	A	200	0	0	200	0		0		0	0	
5/9/2012	5/9/2012	24	A	300	0	0	300	0		0		0	0	
5/10/2012	5/10/2012	24	A	295	0	0	295	0		0		0	0	
5/11/2012	5/11/2012	24	A	334	0	18	334	0		54		0	54	
5/12/2012	5/12/2012	24	A	375	0	27	375	0		72		0	72	
Averages by Completion				430	0	1	430	0						

\*\* All values are recorded using imperial units.



Apache Corporation

Lea Co., NM, Cochran & Yoakum Co., TX

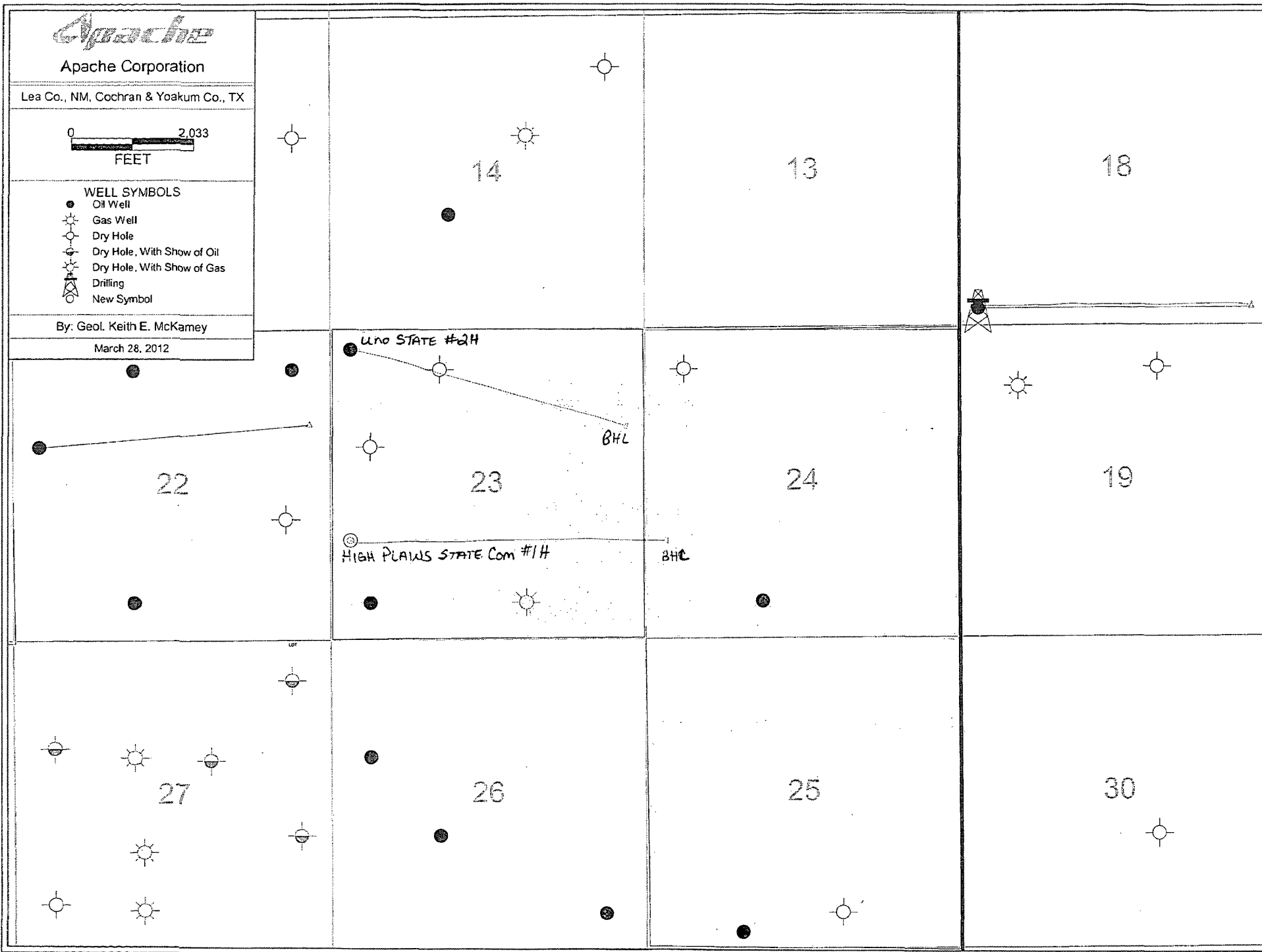
0 2,033  
FEET

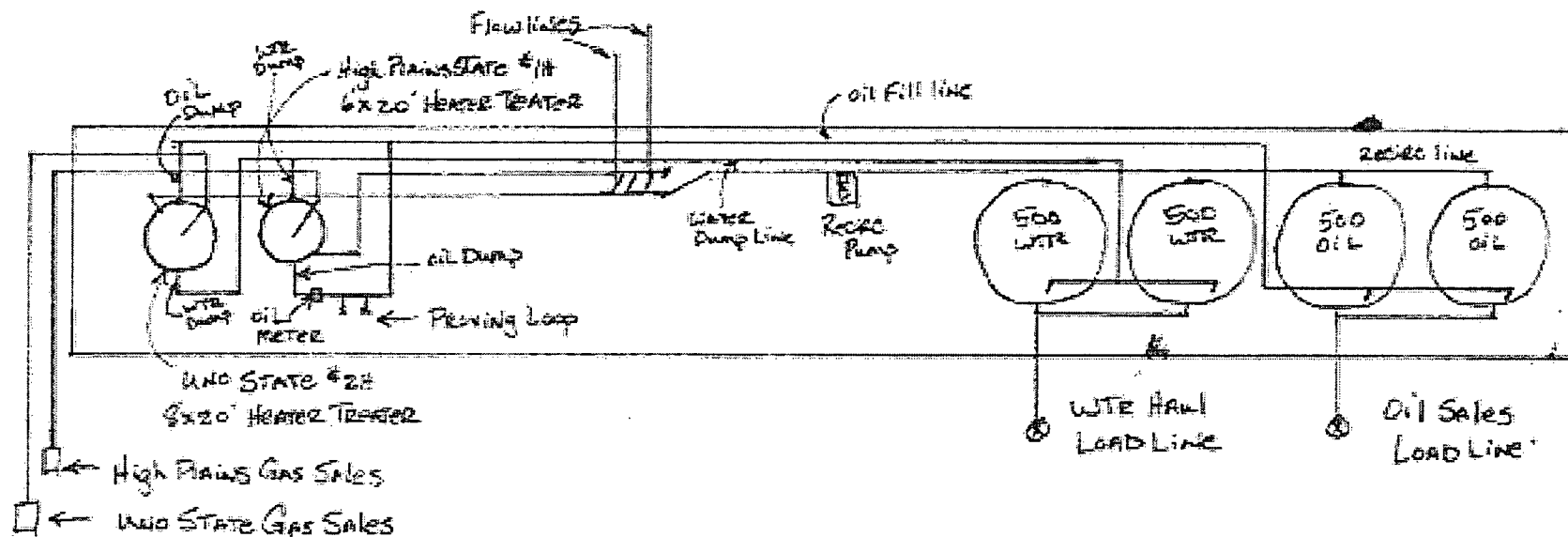
WELL SYMBOLS

- Oil Well
- ☼ Gas Well
- Dry Hole
- Dry Hole, With Show of Oil
- Dry Hole, With Show of Gas
- ⚙ Drilling
- New Symbol

By: Geol. Keith E. McKamey

March 28, 2012





UNO STATE #2H / High Plains STATE #1H

Commingled BATTERY

Sec. 23, T-14S, R-34E



November 11, 2011

WORKING AND REVENUE INTEREST OWNERS

(See attached list)

RE: Notice of Intent to Surface Commingle Production from  
Uno State #2H Well and High Plains State Com #1H Well  
Wildcat; Abo Pool  
Section 23, Township 14 South, Range 34 East  
Lea County, New Mexico

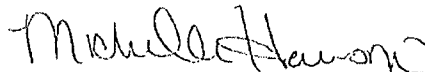
Dear Interest Owners,

Apache Corporation ("Apache") hereby proposes to surface commingle production from the existing Uno State #2H Well (API No. 30-025-39830), a horizontal well located in the N/2 of Section 23-T14S-R34E, with production from Apache's proposed High Plains State Com #1H Well (API No. 30-025-<sup>48334</sup>~~39546~~), to be located in the N/2S/2 of same Section 23, should the well be completed as a well capable of producing oil and/or gas. In order to commingle production at the surface, such production from each of the wells must be separately metered, at the wellhead, to account for the difference in ownership between the two wells. In the event Apache applies for approval to surface commingle production, the interest owners will be provided a copy of said application. At this time, however, Apache seeks prior approval from all interest owners to surface commingle production so that if the proposed High Plains State Com #1H Well is completed as a well capable of producing oil and/or gas, Apache can proceed in producing the well as soon as approval to surface commingle production has been obtained from the New Mexico Oil Conservation Division ("NMOCD").

Please evidence your approval to surface commingle production from the two aforementioned wells by executing below and returning one (1) copy to my attention using the enclosed prepaid envelope provided for your convenience. Should you have any questions, please do not hesitate to contact me at (432) 818-1093.

Sincerely,

APACHE CORPORATION



Michelle Hanson

Landman

(432) 818-1190 fax

[Michelle.hanson@apachecorp.com](mailto:Michelle.hanson@apachecorp.com)

The undersigned hereby approves to surface commingle production, as proposed above, subject to further approval by the NMOCD.



By: Concho Resources

Title: Land Lead

Apache Corp.

DEC 01 2011

Permian Land Dept.

November 11, 2011

WORKING AND REVENUE INTEREST OWNERS

(See attached list)

RE: Notice of Intent to Surface Commingle Production from  
Uno State #2H Well and High Plains State Com #1H Well  
Wildcat; Abo Pool  
Section 23, Township 14 South, Range 34 East  
Lea County, New Mexico

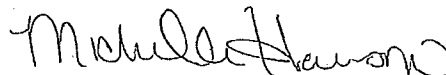
Dear Interest Owners,

Apache Corporation ("Apache") hereby proposes to surface commingle production from the existing Uno State #2H Well (API No. 30-025-39830), a horizontal well located in the N/2 of Section 23-T14S-R34E, with production from Apache's proposed High Plains State Com #1H Well (API No. 30-025-<sup>46334</sup>~~39540~~), to be located in the N/2S/2 of same Section 23, should the well be completed as a well capable of producing oil and/or gas. In order to commingle production at the surface, such production from each of the wells must be separately metered, at the wellhead, to account for the difference in ownership between the two wells. In the event Apache applies for approval to surface commingle production, the interest owners will be provided a copy of said application. At this time, however, Apache seeks prior approval from all interest owners to surface commingle production so that if the proposed High Plains State Com #1H Well is completed as a well capable of producing oil and/or gas, Apache can proceed in producing the well as soon as approval to surface commingle production has been obtained from the New Mexico Oil Conservation Division ("NMOCD").

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Sincerely,

APACHE CORPORATION



Michelle Hanson

Landman

(432) 818-1190 fax

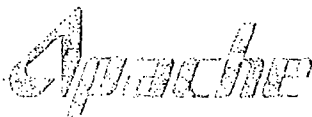
[Michelle.hanson@apachecorp.com](mailto:Michelle.hanson@apachecorp.com)

The undersigned hereby approves to surface commingle production, as proposed above, subject to further approval by the NMOCD.

Paradehead Properties, LLC

By: [Signature]

Title: Manager Member



November 11, 2011

WORKING AND REVENUE INTEREST OWNERS

(See attached list)

RE: Notice of Intent to Surface Commingle Production from  
Uno State #2H Well and High Plains State Com #1H Well  
Wildcat; Abo Pool  
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Sincerely,

APACHE CORPORATION

Michelle Hanson

Landman

(432) 818-1190 fax

Michelle.hanson@apachecorp.com

The undersigned hereby approves to surface commingle production, as proposed above, subject to further approval by the NMOCD.

Mark L. Shidley Inc.  
By: [Signature]  
Title: Vice President





Apache Corp.

DEC 01 2011

Permian Land Dept.

November 11, 2011

WORKING AND REVENUE INTEREST OWNERS

(See attached list)

RE: Notice of Intent to Surface Commingle Production from  
Uno State #2H Well and High Plains State Com #1H Well  
Wildcat; Abo Pool  
Section 23, Township 14 South, Range 34 East  
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Sincerely,

APACHE CORPORATION

Michelle Hanson

Landman

(432) 818-1190 fax

[Michelle.hanson@apachecorp.com](mailto:Michelle.hanson@apachecorp.com)

The undersigned hereby approves to surface commingle production, as proposed above, subject to further approval by the NMOCD.

By:   
Title: \_\_\_\_\_



Apache Corp.

DEC 01 2011

November 11, 2011

Permian Land Dept.

WORKING AND REVENUE INTEREST OWNERS

(See attached list)

RE: Notice of Intent to Surface Commingle Production from  
Uno State #2H Well and High Plains State Com #1H Well  
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Section 23, Township 14 South, Range 34 East  
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Sincerely,

APACHE CORPORATION

Michelle Hanson

Landman

(432) 818-1190 fax

[Michelle.hanson@apachecorp.com](mailto:Michelle.hanson@apachecorp.com)

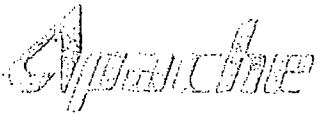
The undersigned hereby approves to surface commingle production, as proposed above, subject to further approval by the NMOCD.

Featherstone Development Corp.

By: \_\_\_\_\_

Title: V.P.

Olen Featherstone III



Apache Corp.

DEC 01 2011

Permian Land Dept.

November 11, 2011

WORKING AND REVENUE INTEREST OWNERS

(See attached list)

RE: Notice of Intent to Surface Commingle Production from  
Uno State #2H Well and High Plains State Com #1H Well  
Wildcat; Abo Pool  
Section 23, Township 14 South, Range 34 East  
Lea County, New Mexico

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Sincerely,

APACHE CORPORATION

Michelle Hanson

Landman

(432) 818-1190 fax

[Michelle.hanson@apachecorp.com](mailto:Michelle.hanson@apachecorp.com)

The undersigned hereby approves to surface commingle production, as proposed above, subject to further approval by the NMOCD.

Big Three Energy Group, LLC

By: \_\_\_\_\_

Title: \_\_\_\_\_

Manager Member  
Olen Featherstone III



Apache Corp.

DEC 01 2011

Permian Land Dept.

November 11, 2011

WORKING AND REVENUE INTEREST OWNERS

(See attached list)

RE: Notice of Intent to Surface Commingle Production from  
Uno State #2H Well and High Plains State Com #1H Well  
Wildcat; Abo Pool  
Section 23, Township 14 South, Range 34 East  
Lea County, New Mexico

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Sincerely,

APACHE CORPORATION

Michelle Hanson

Landman

(432) 818-1190 fax

[Michelle.hanson@apachecorp.com](mailto:Michelle.hanson@apachecorp.com)

The undersigned hereby approves to surface commingle production, as proposed above, subject to further approval by the NMOCD.

Prospector Well  
By:   
Title: Manager Member  
Glen Featherstone II

Apache Corp.

DEC 05 2011

Permian Land Dept.

November 11, 2011

WORKING AND REVENUE INTEREST OWNERS

(See attached list)

RE: Notice of Intent to Surface Commingle Production from  
Uno State #2H Well and High Plains State Com #1H Well  
Wildcat; Abo Pool  
Section 23, Township 14 South, Range 34 East  
Lea County, New Mexico

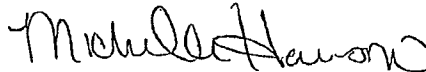
Dear Interest Owners,

Apache Corporation ("Apache") hereby proposes to surface commingle production from the existing Uno State #2H Well (API No. 30-025-39830), a horizontal well located in the N/2 of Section 23-T14S-R34E, with production from Apache's proposed High Plains State Com #1H Well (API No. 30-025-39540), to be located in the N/2S/2 of same Section 23, should the well be completed as a well capable of producing oil and/or gas. In order to commingle production at the surface, such production from each of the wells must be separately metered, at the wellhead, to account for the difference in ownership between the two wells. In the event Apache applies for approval to surface commingle production, the interest owners will be provided a copy of said application. At this time, however, Apache seeks prior approval from all interest owners to surface commingle production so that if the proposed High Plains State Com #1H Well is completed as a well capable of producing oil and/or gas, Apache can proceed in producing the well as soon as approval to surface commingle production has been obtained from the New Mexico Oil Conservation Division ("NMOC").

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Sincerely,

APACHE CORPORATION



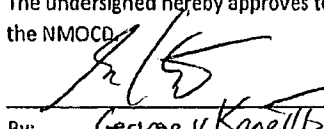
Michelle Hanson

Landman

(432) 818-1190 fax

[Michelle.hanson@apachecorp.com](mailto:Michelle.hanson@apachecorp.com)

The undersigned hereby approves to surface commingle production, as proposed above, subject to further approval by the NMOC.

By:   
Title: President



November 11, 2011

WORKING AND REVENUE INTEREST OWNERS

(See attached list)

RE: Notice of Intent to Surface Commingle Production from  
Uno State #2H Well and High Plains State Com #1H Well  
Wildcat; Abo Pool  
Section 23, Township 14 South, Range 34 East  
Lea County, New Mexico

Dear Interest Owners,

Apache Corporation ("Apache") hereby proposes to surface commingle production from the existing Uno State #2H Well (API No. 30-025-39830), a horizontal well located in the N/2 of Section 23-T14S-R34E, with production from Apache's proposed High Plains State Com #1H Well (API No. 30-025-39540), to be located in the N/2S/2 of same Section 23, should the well be completed as a well capable of producing oil and/or gas. In order to commingle production at the surface, such production from each of the wells must be separately metered, at the wellhead, to account for the difference in ownership between the two wells. In the event Apache applies for approval to surface commingle production, the interest owners will be provided a copy of said application. At this time, however, Apache seeks prior approval from all interest owners to surface commingle production so that if the proposed High Plains State Com #1H Well is completed as a well capable of producing oil and/or gas, Apache can proceed in producing the well as soon as approval to surface commingle production has been obtained from the New Mexico Oil Conservation Division ("NMOCD").

Please evidence your approval to surface commingle production from the two aforementioned wells by executing below and returning one (1) copy to my attention using the enclosed prepaid envelope provided for your convenience. Should you have any questions, please do not hesitate to contact me at (432) 818-1093.

Sincerely,

APACHE CORPORATION

Michelle Hanson

Landman

(432) 818-1190 fax

[Michelle.hanson@apachecorp.com](mailto:Michelle.hanson@apachecorp.com)

The undersigned hereby approves to surface commingle production, as proposed above, subject to further approval by the NMOCD.

By: Ray Miller  
Title: \_\_\_\_\_



November 11, 2011

WORKING AND REVENUE INTEREST OWNERS

(See attached list)

RE: Notice of Intent to Surface Commingle Production from  
Uno State #2H Well and High Plains State Com #1H Well  
Wildcat; Abo Pool  
Section 23, Township 14 South, Range 34 East  
Lea County, New Mexico

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Michelle Hanson

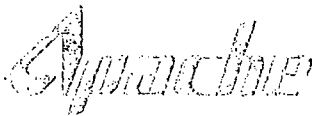
Landman

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Title:



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[Michelle.hanson@apachecorp.com](mailto:Michelle.hanson@apachecorp.com)

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Gold City Partners X, L.P.  
By:   
Title:





November 11, 2011

WORKING AND REVENUE INTEREST OWNERS

(See attached list)

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[Michelle.hanson@apachecorp.com](mailto:Michelle.hanson@apachecorp.com)

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By: \_\_\_\_\_

Title: \_\_\_\_\_

*John D. Bergman*



November 11, 2011

WORKING AND REVENUE INTEREST OWNERS

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The undersigned hereby approves to surface commingle production, as proposed above, subject to further approval by the NMOCD.

By: C. MARK WHEELER  
Title: \_\_\_\_\_

District I  
1625 N. French Drive, Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St Francis Dr, Santa Fe, NM  
87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107-B  
Revised August 1, 2011

**OIL CONSERVATION DIVISION**

1220 S. St Francis Drive  
Santa Fe, New Mexico 87505

Submit the original  
application to the Santa Fe  
office with one copy to the  
appropriate District Office.

**APPLICATION FOR SURFACE COMMINGLING (DIVERSE OWNERSHIP)**

OPERATOR NAME: Apache Corporation (873)

OPERATOR ADDRESS: 303 Veterans Airpark Lane Suite 3000 Midland TX 79705

APPLICATION TYPE:

☐ Pool Commingling ☒ Lease Commingling ☐ Pool and Lease Commingling ☐ Off-Lease Storage and Measurement (Only if not Surface Commingled)

LEASE TYPE: ☐ Fee ☒ State ☐ Federal

Is this an Amendment to existing Order? ☐ Yes ☒ No If "Yes", please include the appropriate Order No. \_\_\_\_\_

Have the Bureau of Land Management (BLM) and State Land office (SLO) been notified in writing of the proposed commingling

☒ Yes ☐ No

**(A) POOL COMMINGLING**

Please attach sheets with the following information

(1) Pool Names and Codes	Gravities / BTU of Non-Commingled Production	Calculated Gravities / BTU of Commingled Production		Calculated Value of Commingled Production	Volumes
Wildcat; Abo (97854)	42.5	42.5			Attached

(2) Are any wells producing at top allowables? ☐ Yes ☒ No

(3) Has all interest owners been notified by certified mail of the proposed commingling? ☒ Yes ☐ No.

(4) Measurement type: ☒ Metering ☐ Other (Specify)

(5) Will commingling decrease the value of production? ☐ Yes ☒ No If "yes", describe why commingling should be approved

**(B) LEASE COMMINGLING**

Please attach sheets with the following information

(1) Pool Name and Code.	
(2) Is all production from same source of supply? <input type="checkbox"/> Yes <input type="checkbox"/> No	
(3) Has all interest owners been notified by certified mail of the proposed commingling? <input type="checkbox"/> Yes <input type="checkbox"/> No	
(4) Measurement type: <input type="checkbox"/> Metering <input type="checkbox"/> Other (Specify)	

**(C) POOL and LEASE COMMINGLING**

Please attach sheets with the following information

(1) Complete Sections A and E.
--------------------------------

**(D) OFF-LEASE STORAGE and MEASUREMENT**

Please attached sheets with the following information

(1) Is all production from same source of supply? <input type="checkbox"/> Yes <input type="checkbox"/> No
(2) Include proof of notice to all interest owners.

**(E) ADDITIONAL INFORMATION (for all application types)**

Please attach sheets with the following information

(1) A schematic diagram of facility, including legal location.
(2) A plat with lease boundaries showing all well and facility locations. Include lease numbers if Federal or State lands are involved.
(3) Lease Names, Lease and Well Numbers, and API Numbers.

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

SIGNATURE: Reesa Holland TITLE: Sr Staff Reg Tech DATE: 5/16/2012

TYPE OR PRINT NAME Reesa Holland TELEPHONE NO.: 432-818-1062

E-MAIL ADDRESS: Reesa.Holland@apachecorp.com