

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-8161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-8178 Fax:(505) 334-8170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3482

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-101
August 1, 2011
Permit 190692

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address APACHE CORP 303 Veterans Airpark Lane Midland, TX 79705		2. OGRID Number 873
4. Property Code 313587		3. API Number 30-015-42582
5. Property Name WRANGLER STATE		6. Well No. 004

7. Surface Location

UL - Lot	O	Section	28	Township	17S	Range	28E	Lot Idn	Feet From	250	N/S Line	S	Feet From	1650	E/W Line	E	County	Eddy
----------	---	---------	----	----------	-----	-------	-----	---------	-----------	-----	----------	---	-----------	------	----------	---	--------	------

8. Proposed Bottom Hole Location

UL - Lot	O	Section	28	Township	17S	Range	28E	Lot Idn	O	Feet From	250	N/S Line	S	Feet From	1650	E/W Line	E	County	Eddy
----------	---	---------	----	----------	-----	-------	-----	---------	---	-----------	-----	----------	---	-----------	------	----------	---	--------	------

9. Pool Information

ARTESIA; GLORIETA-YESO (O)	96830
----------------------------	-------

Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3684
16. Multiple N	17. Proposed Depth 5300	18. Formation Yeso	19. Contractor	20. Spud Date
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	11	8.625	24	500	200	
Prod	7.875	5.5	17	5300	750	

Casing/Cement Program: Additional Comments

--

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Hydril	3000	2000	

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify I have complied with 19.15.14.9 (A) NMAC ☒ and/or 19.15.14.9 (B) NMAC ☒ , if applicable. Signature: _____ Printed Name: Electronically filed by Bobby Smith Title: _____ Email Address: bobby.smith@apachecorp.com Date: 8/13/2014	OIL CONSERVATION DIVISION Approved By: Randy Dade Title: District Supervisor Approved Date: 8/13/2014 Expiration Date: 8/13/2016 Conditions of Approval Attached
Phone: 432-818-1020	

1625 N. French Dr., Hobbs, NM 88240
Phone (575) 393-6161 Fax: (575) 393-0720

DISTRICT II

811 S. First St., Artesia, NM 88210
Phone (575) 748-1283 Fax: (575) 748-9720

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV

1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 478-3460 Fax: (505) 478-3482

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 August 1, 2011

Submit one copy to appropriate
District Office

□ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-		Pool Code 96830		Pool Name Artesia; Glorieta - Yeso					
Property Code		Property Name WRANGLER STATE				Well Number 4			
OGRID No. 873		Operator Name APACHE CORPORATION				Elevation 3684			
Surface Location									
UL or lot No. 0	Section 28	Township 17 S	Range 28 E	Lot Idn	Feet from the 250	SOUTH/South line SOUTH	Feet from the 1650	East/WEST LINE EAST	County EDDY
Bottom Hole Location If Different From Surface									
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	SOUTH/South line	Feet from the	East/WEST LINE	County
Dedicated Acres 40	Joint or Infill		Consolidation Code		Order No.				

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

Lat - N 32.812355° Long - W 104.189253° NMSPCE - N.: 659297.4 E.: 585602.5 (NAD83) Lat - N 32.812240° Long - W 104.188741° NMSPCE - N.: 659234.3 E.: 544423.2 (NAD27)	Lat - N 32.812584° Long - W 104.180802° NMSPCE - N.: 659377.2 E.: 588198.8 (NAD83) Lat - N 32.812449° Long - W 104.180290° NMSPCE - N.: 659314.1 E.: 547019.7 (NAD27)	Lat - N 32.812774° Long - W 104.172351° NMSPCE - N.: 659457.8 E.: 590794.8 (NAD83) Lat - N 32.812659° Long - W 104.171839° NMSPCE - N.: 659394.5 E.: 549615.7 (NAD27)
SURFACE LOCATION Lat - N 32.798999° Long - W 104.177911° NMSPCE - N.: 654443.5 E.: 589094.2 (NAD83) Lat - N 32.798890° Long - W 104.177411° NMSPCE - N.: 654382.5 E.: 547911.2 (NAD27)		
Lat - N 32.805220° Long - W 104.189361° NMSPCE - N.: 658701.8 E.: 585572.7 (NAD83) Lat - N 32.805105° Long - W 104.188849° NMSPCE - N.: 656638.8 E.: 544393.6 (NAD27)		
Lat - N 32.798079° Long - W 104.189456° NMSPCE - N.: 654103.8 E.: 585547.2 (NAD83) Lat - N 32.797965° Long - W 104.188944° NMSPCE - N.: 654040.8 E.: 544368.1 (NAD27)	Lat - N 32.798250° Long - W 104.181020° NMSPCE - N.: 654169.6 E.: 588139.3 (NAD83) Lat - N 32.798135° Long - W 104.180508° NMSPCE - N.: 654106.6 E.: 546960.2 (NAD27)	Lat - N 32.798419° Long - W 104.172550° NMSPCE - N.: 654234.6 E.: 590741.8 (NAD83) Lat - N 32.798309° Long - W 104.172051° NMSPCE - N.: 654173.7 E.: 549558.8 (NAD27)

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or an 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 a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Nichelle Cooper 8-13-14
Signature Date

Michelle Cooper
Printed Name

nichelle.cooper@apache
Email Address

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.

JUL 16, 2014
NEW MEXICO
7977

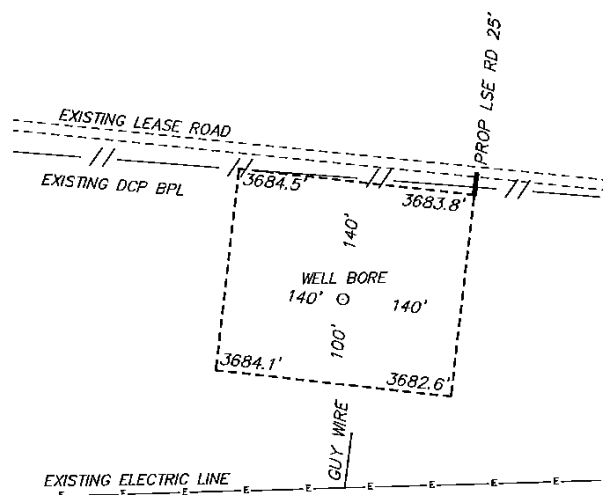
Date Surveyed _____
Signature of Professional Surveyor _____

Certified _____ Gary L. Jones 7977
BASIC SERVICES

0' 500' 1000' 1500' 2000'

SCALE: 1" = 1000'
WO Num.: 30703

SECTION 28, TOWNSHIP 17 SOUTH, RANGE 28 EAST. N.M.P.M.,
EDDY COUNTY, NEW MEXICO.



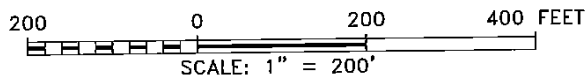
APACHE CORPORATION
WRANGLER STATE #4

ELEV. - 3684'
Lat - N 32.798999°
Long - W 104.177911°
NMSPCE - N.: 654443.5
E.: 589094.2
(NAD83)
Lat - N 32.798890°
Long - W 104.177411°
NMSPCE - N.: 654382.5
E.: 547911.2
(NAD27)

Directions to Location:

FROM US HWY 82 AND RED LAKE GO NORTH 0.1
MILES, LEFT ON LEASE ROAD 391 FEET TO
PROPOSED LEASE ROAD ON LEFT.

ARTESIA, NM IS ±12 MILES TO THE NORTHWEST OF LOCATION.



basin
surveys
focused on excellence
in the oilfield

P.O. Box 1786 (575) 393-7316 - Office
1120 N. West County Rd. (575) 392-2206 - Fax
Hobbs, New Mexico 88241 basin-surveys.com

Apache
EXPLORING WHAT'S POSSIBLE

REF: WRANGLER STATE #4 / WELL PAD TOPO

THE WRANGLER STATE #4 LOCATED 250' FROM
THE SOUTH LINE AND 1650' FROM THE EAST LINE OF
SECTION 28, TOWNSHIP 17 SOUTH, RANGE 28 EAST.

N.M.P.M., EDDY COUNTY, NEW MEXICO.

W.O. Number: 30703 | Drawn By: K. NORRIS | Date: 07-21-2014 | Survey Date: 07-16-2014 | Sheet 1 of 1 Sheets

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form APD Comments

Permit 190692

PERMIT COMMENTS

Operator Name and Address: APACHE CORP [873] 303 Veterans Airpark Lane Midland, TX 79705		API Number: 30-015-42582
		Well: WRANGLER STATE #004
Created By	Comment	Comment Date
CSHAPARD	Land s/S	8/13/2014

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-8161 Fax:(575) 393-0720
District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720
District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form APD Conditions
 Permit 190692

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: APACHE CORP [873] 303 Veterans Airpark Lane Midland, TX 79705		API Number: 30-015-42582
		Well: WRANGLER STATE #004

OCD Reviewer	Condition
CSHAPARD	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string