

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 C-101
August 1, 2011
Permit 173968

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 309175		3. API Number 30-015-41706
5. Property Name WASHINGTON 33 STATE		6. Well No. 066

7. Surface Location

UL - Lot A	Section 33	Township 17S	Range 28E	Lot Idn A	Feet From 570	N/S Line N	Feet From 405	E/W Line E	County Eddy
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8. Proposed Bottom Hole Location

UL - Lot A	Section 33	Township 17S	Range 28E	Lot Idn A	Feet From 340	N/S Line N	Feet From 340	E/W Line E	County Eddy
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9. Pool Information

ARTESIA; GLORIETA-YESO (O)	96830
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Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3686
16. Multiple N	17. Proposed Depth 4700	18. Formation Yeso Formation	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	12.25	8.625	24	500	350	
Prod	7.875	5.5	17	4600	600	

Casing/Cement Program: Additional Comments

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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: Bobby Smith Title: _____ Email Address: bobby.smith@apachecorp.com Date: 9/25/2013	OIL CONSERVATION DIVISION Approved By: Randy Dade Title: District Supervisor Approved Date: 9/25/2013 Expiration Date: 9/25/2015 Conditions of Approval Attached
Phone: 432-818-1020	

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Phone (505) 476-8400 Fax: (505) 476-3492

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-	Pool Code 96830	Pool Name Artesia; Glorieta - Yeso
Property Code	Property Name WASHINGTON 33 STATE	Well Number 66
OGRID No. 873	Operator Name APACHE CORPORATION	Elevation 3686'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	33	17 S	28 E		570	NORTH	405	EAST	EDDY

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
A	33	17 S	28 E		340	NORTH	340	EAST	EDDY

Dedicated Acres	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

BC Lat - N 32.798081° Long - W 104.189456° NMSPC-E 554104.0 E 555547.3 (NAD-83) Lat - N 32.797965° Long - W 104.188944° NMSPC-E 554041.0 E 544366.2 (NAD-27)	Lat - N 32.798250° Long - W 104.181018° NMSPC-E 554169.7 E 558139.4 (NAD-83) Lat - N 32.798135° Long - W 104.180507° NMSPC-E 554106.7 E 546960.3 (NAD-27)	PROPOSED BOTTOM HOLE LOCATION Lat - N 32.797463° Long - W 104.173642° NMSPC-E 553886.5 E 590406.7 (NAD-83) Lat - N 32.797347° Long - W 104.173131° NMSPC-E 553823.4 E 549227.5 (NAD-27)	Lat - N 32.798419° Long - W 104.172550° NMSPC-E 554234.8 E 590741.8 (NAD-83) Lat - N 32.798304° Long - W 104.172038° NMSPC-E 554171.8 E 549562.7 S.L. 405° (NAD-27)	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 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. <u>Michelle Cooper</u> 9-25-13 Signature Date <u>Michelle Cooper</u> Printed Name <u>michelle.cooper@apachecorp.com</u> Email Address
BC Lat - N 32.790942° Long - W 104.189367° NMSPC-E 551507.1 E 585577.8 (NAD-83) Lat - N 32.790827° Long - W 104.188855° NMSPC-E 551444.1 E 544398.6 (NAD-27)		SURFACE LOCATION Lat - N 32.796828° Long - W 104.173844° NMSPC-E 553654.9 E 590344.8 (NAD-83) Lat - N 32.796712° Long - W 104.173333° NMSPC-E 553591.9 E 549165.7 (NAD-27)		SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date Surveyed: <u>August 2013</u> Signature: <u>[Signature]</u> Professional Surveyor NEW MEXICO 7977 Certificate No. <u>7977</u> Basin Survey Scale: 1" = 1000' WO Num.: 29268
BC Lat - N 32.783903° Long - W 104.189264° NMSPC-E 548910.0 E 585613.5 (NAD-83) Lat - N 32.783688° Long - W 104.188752° NMSPC-E 548847.1 E 544434.3 (NAD-27)			Lat - N 32.784069° Long - W 104.172339° NMSPC-E 549014.4 E 590814.2 (NAD-83) Lat - N 32.783954° Long - W 104.171827° NMSPC-E 548951.4 E 549835.0 (NAD-27)	

ARCH SURVEY AREA

600'

600'

600'

600'

80' NORTH
OFF SET
3685.1'

150' WEST
OFF SET
3685.1'

150' EAST
OFF SET
3685.8'

WELL BORE
3683.7'

PROP WELL PAD

150' SOUTH
OFF SET
3685.4'

EXISTING EXPLORATION
GERONIMO #2
PAD

OLD PITS

US 82

EXISTING TELEPHONE LINE

CO. 208

CO. 207

EddySE RD 200'

EXISTING ELECTRIC LINE

GRID
TRUE
MAGNETIC

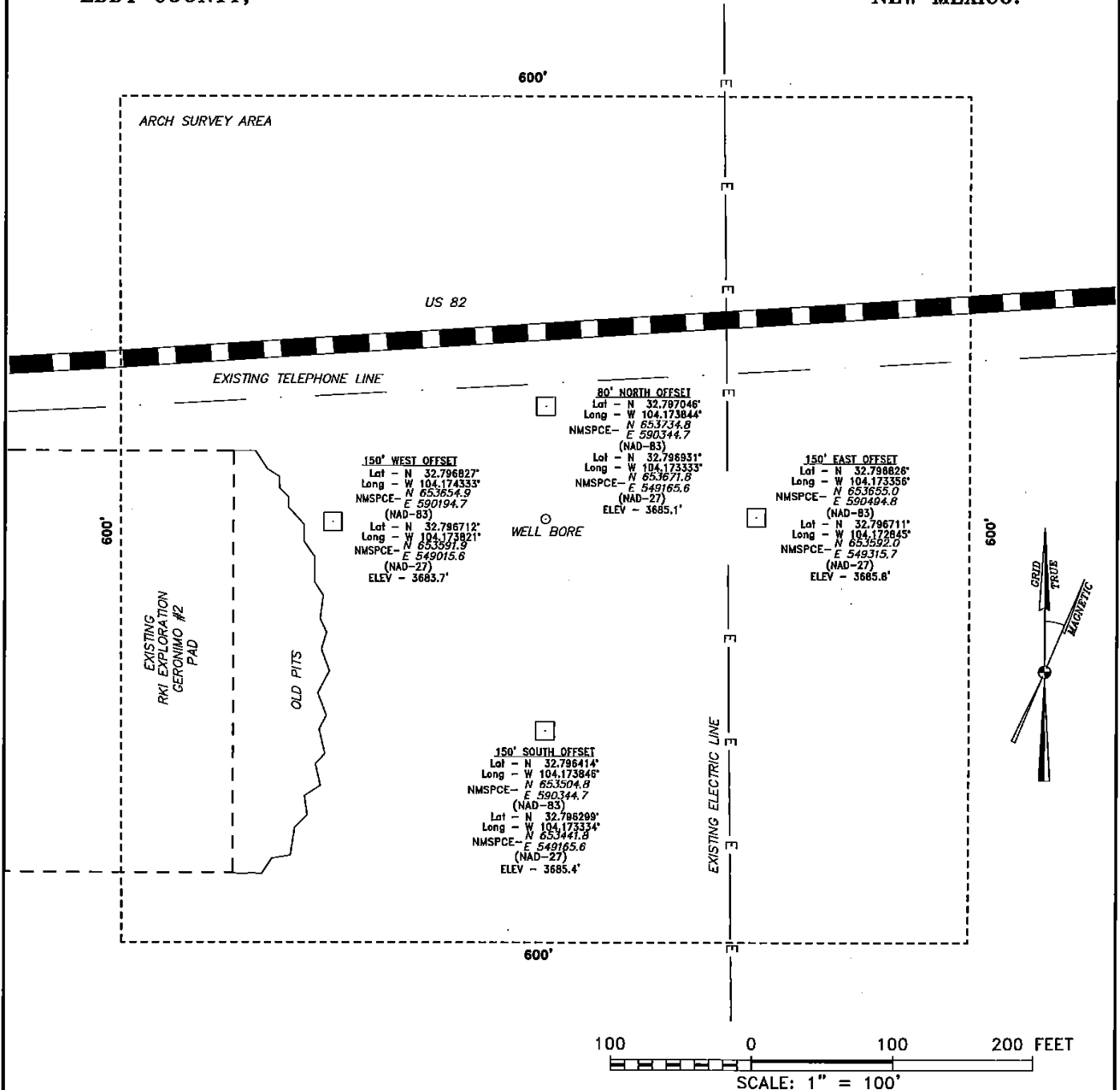
APACHE CORP
WASHINGTON 33 STATE #66
ELEV. - 3686'
Lat - N 32.796828
Long - W 104.173844
NMSPCE - N 653654.9
E 590344.8
(NAD-83)
Lat - N 32.796712
Long - W 104.173333
NMSPCE - N 653591.9
E 549165.7
(NAD-27)

basin
surveys

Apache
EXPLORING WHAT'S POSSIBLE

THE WASHINGTON 33 STATE #66 LOCATED 570' FROM
THE NORTH LINE AND 405' FROM THE EAST LINE OF
SECTION 33, TOWNSHIP 17 SOUTH, RANGE 28 EAST,
N.M.P.M., EDDY COUNTY, NEW MEXICO.

SECTION 33, TOWNSHIP 17 SOUTH, RANGE 28 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO.



Apache
EXPLORING WHAT'S POSSIBLE

REF: WASHINGTON 33 STATE #66 / WELL PAD TOPO

THE WASHINGTON 33 STATE #66 LOCATED 570' FROM
THE NORTH LINE AND 405' FROM THE EAST LINE OF
SECTION 33, TOWNSHIP 17 SOUTH, RANGE 28 EAST,
N.M.P.M., EDDY COUNTY, NEW MEXICO.

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in the oilfield

P.O. Box 1786
1120 N. West County Rd.
Hobbs, New Mexico 88241

(575) 393-7316 - Office
(575) 392-2206 - Fax
basinsurveys.com

W.O. Number: 29268 Drawn By: K. NORRIS Date: 09-05-2013 Survey Date: 08-30-2013 Sheet 1 of 1 Sheets

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Form APD Comments

Permit 173988

PERMIT COMMENTS

Operator Name and Address: APACHE CORP [873] 303 Veterans Airpark Lane Midland, TX 79705		API Number: 30-015-41706
		Well: WASHINGTON 33 STATE #066
Created By	Comment	Comment Date
MICHELLEC	CLOSED LOOP WILL BE USED	9/25/2013

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Form APD Conditions

Permit 173988

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: APACHE CORP [873] 303 Veterans Airpark Lane Midland, TX 79705		API Number: 30-015-41706
		Well: WASHINGTON 33 STATE #066

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