

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 176226

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 40197		3. API Number 30-015-41766
5. Property Name LIBBY STATE		6. Well No. 001

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
F	5	18S	28E	F	1910	N	1505	W	Eddy

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
F	5	18S	28E	F	1675	N	1675	W	Eddy

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 3659
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	11	8.625	24	500	190	
Prod	7.875	5.5	17	4700	710	

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: Electronically filed by Bobby Smith Title: _____ Email Address: bobbysmith@apachecorp.com Date: 10/29/2013	OIL CONSERVATION DIVISION Approved By: Randy Dade Title: District Supervisor Approved Date: 10/30/2013 Expiration Date: 10/30/2015 Conditions of Approval Attached
Phone: 432-818-1020	

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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

DIAMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-	Pool Code 96830	Pool Name Artesia; Glorieta - Yeso
Property Code	Property Name LIBBY STATE	Well Number 1
OGRID No. 873	Operator Name APACHE CORPORATION	Elevation 3659'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	5	18-S	28-E		1910	NORTH	1505	WEST	EDDY

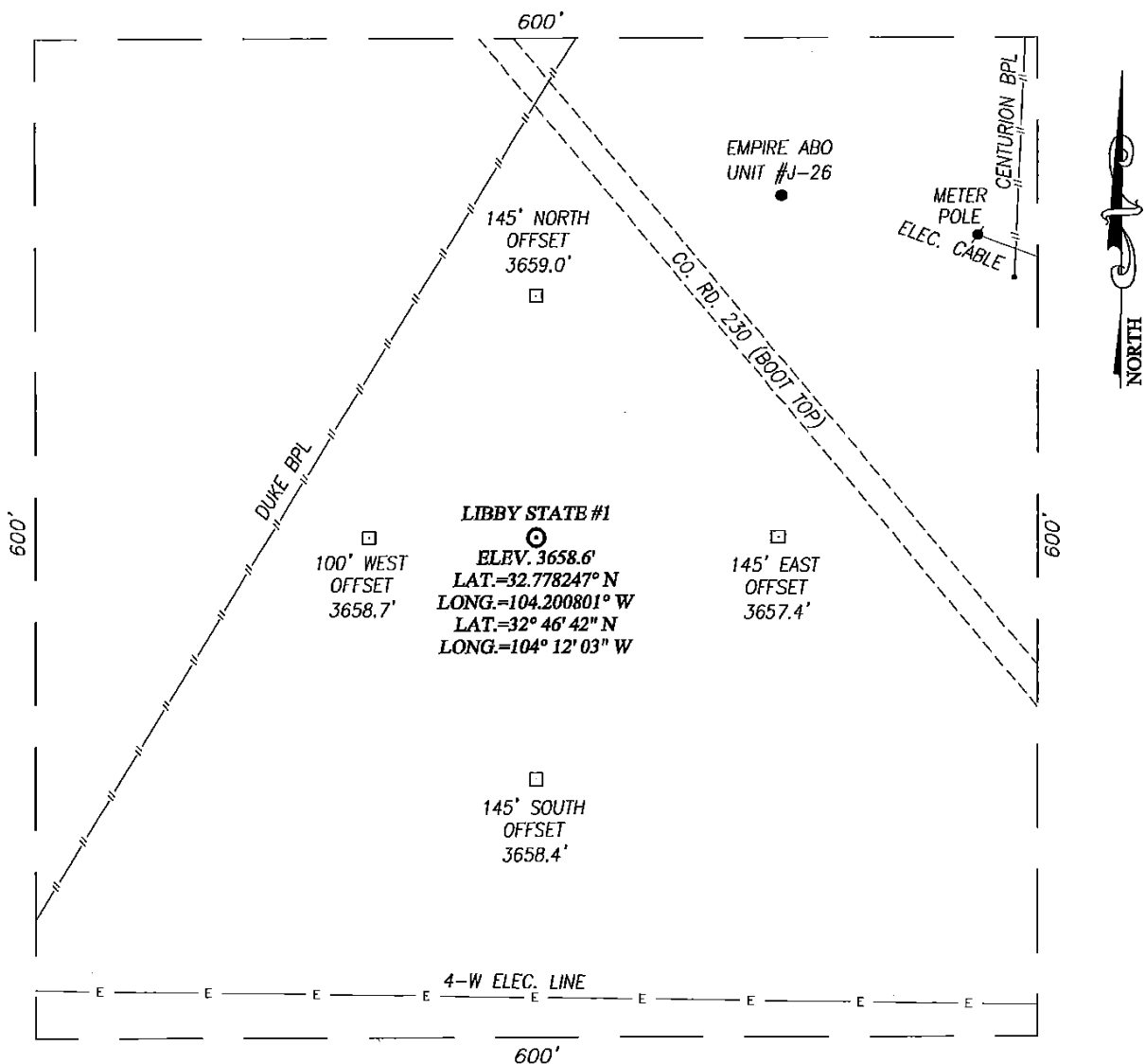
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	5	18-S	28-E		1675	NORTH	1675	WEST	EDDY

Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.
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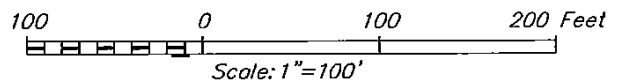
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y=646862.7 N X=540733.4 E LAT.=32.778247° N LONG.=104.200801° W LAT.=32° 46' 42\" N LONG.=104° 12' 03\" W BOTTOM HOLE LOCATION Y=647101.1 N X=540904.0 E CORNER COORDINATES TABLE A - Y=647440.4 N, X=540530.2 E B - Y=647470.3 N, X=541830.2 E C - Y=646119.1 N, X=540526.2 E D - Y=646146.2 N, X=541825.8 E	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>Michelle Cooper</i> 10-29-13 Signature Date <i>Michelle Cooper</i> Printed Name <i>michelle.cooper@apachecorp.com</i> E-mail 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. AUGUST 26, 2013 Date of Survey Signature & Seal of Professional Surveyor: <i>Ronald J. Eidson</i> 09/05/2013 Professional Surveyor Certificate Number: 12641 Ronald J. Eidson 3239 BKLACK JWSC W.O.: 13.11.0939	



DIRECTIONS TO LOCATION

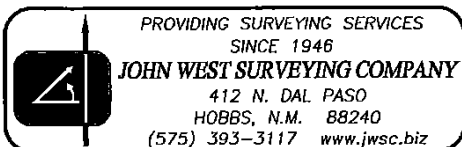
FROM THE INTERSECTION OF COUNTY RD. 230 (BOOT TOP) AND COUNTY RD. 201 (ILLINOIS CAMP RD.) GO SOUTHEAST APPROX. 0.4 MILES. THIS STAKED LOCATION IS 200 FEET SOUTH.



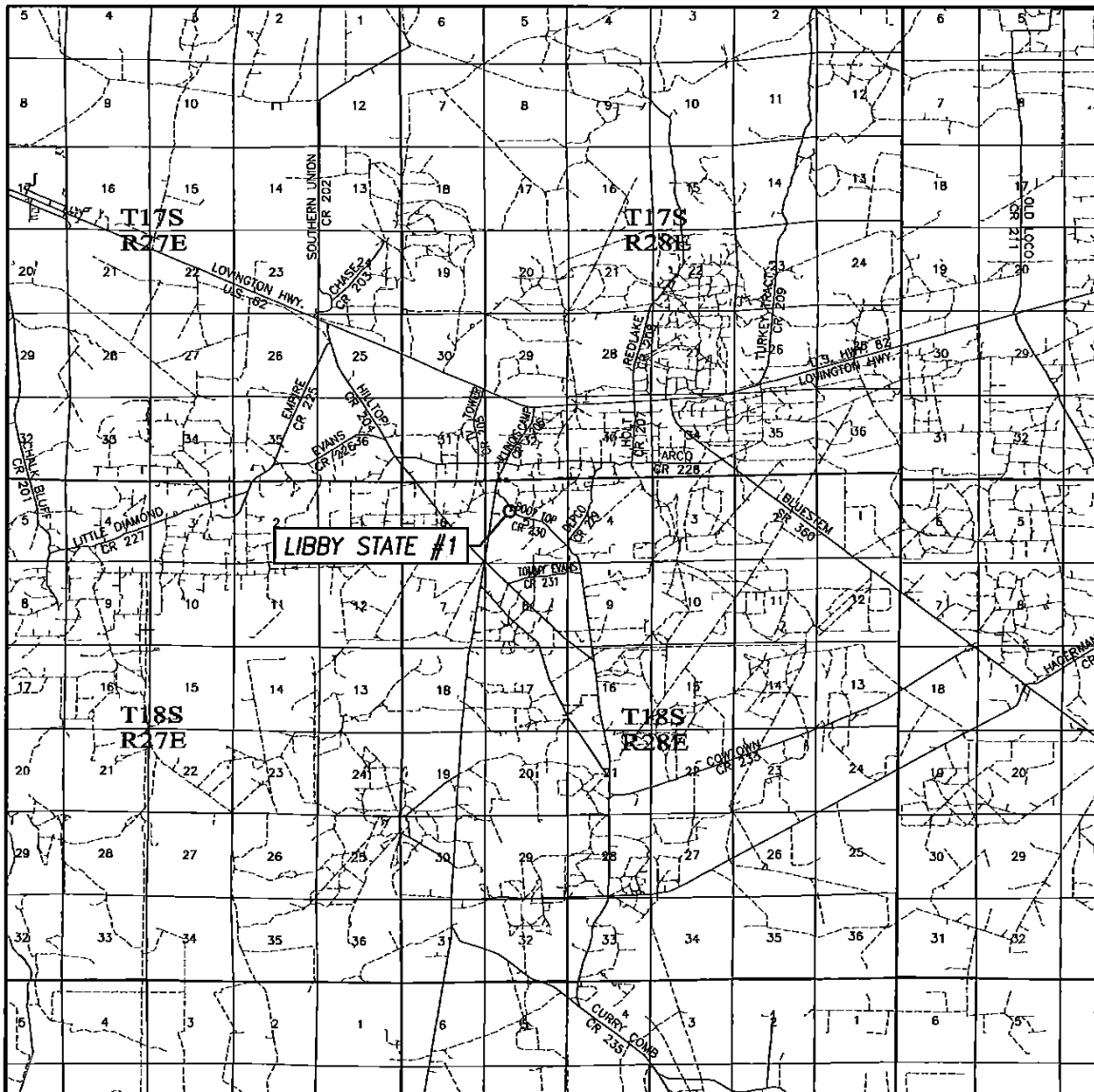
APACHE CORPORATION

LIBBY STATE #1 WELL
LOCATED 1910 FEET FROM THE NORTH LINE
AND 1505 FEET FROM THE WEST LINE OF SECTION 5,
TOWNSHIP 18 SOUTH, RANGE 28 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO

Survey Date: 8/26/13	CAD Date: 9/3/13	Drawn By: BKL
W.O. No.: 13110939	Rev: .	Rel. W.O.: Sheet 1 of 1

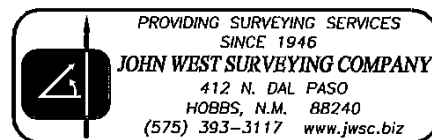


VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 5 TWP. 18-S RGE. 28-E
 SURVEY N.M.P.M.
 COUNTY EDDY STATE NEW MEXICO
 DESCRIPTION 1910' FNL & 1505' FWL
 ELEVATION 3659'
 OPERATOR APACHE CORPORATION
 LEASE LIBBY STATE



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Form APD Comments

 Permit 176226

PERMIT COMMENTS

Operator Name and Address: APACHE CORP [873] 303 Veterans Airpark Lane Midland, TX 79705		API Number: 30-015-41766
		Well: LIBBY STATE #001
Created By	Comment	Comment Date
CSHAPARD	Land s/S	10/30/2013

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Form APD Conditions
Permit 176226

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: APACHE CORP [873] 303 Veterans Airpark Lane Midland, TX 79705		API Number: 30-015-41766
		Well: LIBBY STATE #001

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