

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 179836

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 22503		3. API Number 30-025-41598
5. Property Name NORTHEAST DRINKARD UNIT		6. Well No. 558

7. Surface Location

UL - Lot	C	Section	15	Township	21S	Range	37E	Lot Idn		Feet From	150	N/S Line	N	Feet From	2295	E/W Line	W	County	Lea
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8. Proposed Bottom Hole Location

UL - Lot	C	Section	15	Township	21S	Range	37E	Lot Idn	C	Feet From	150	N/S Line	N	Feet From	2090	E/W Line	W	County	Lea
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9. Pool Information

EUNICE;BLI-TU-DR, NORTH	22900
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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 3457
16. Multiple N	17. Proposed Depth 6950	18. Formation Drinkard	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	1263	450	
Prod	7.875	5.5	17	6954	1300	

Casing/Cement Program: Additional Comments

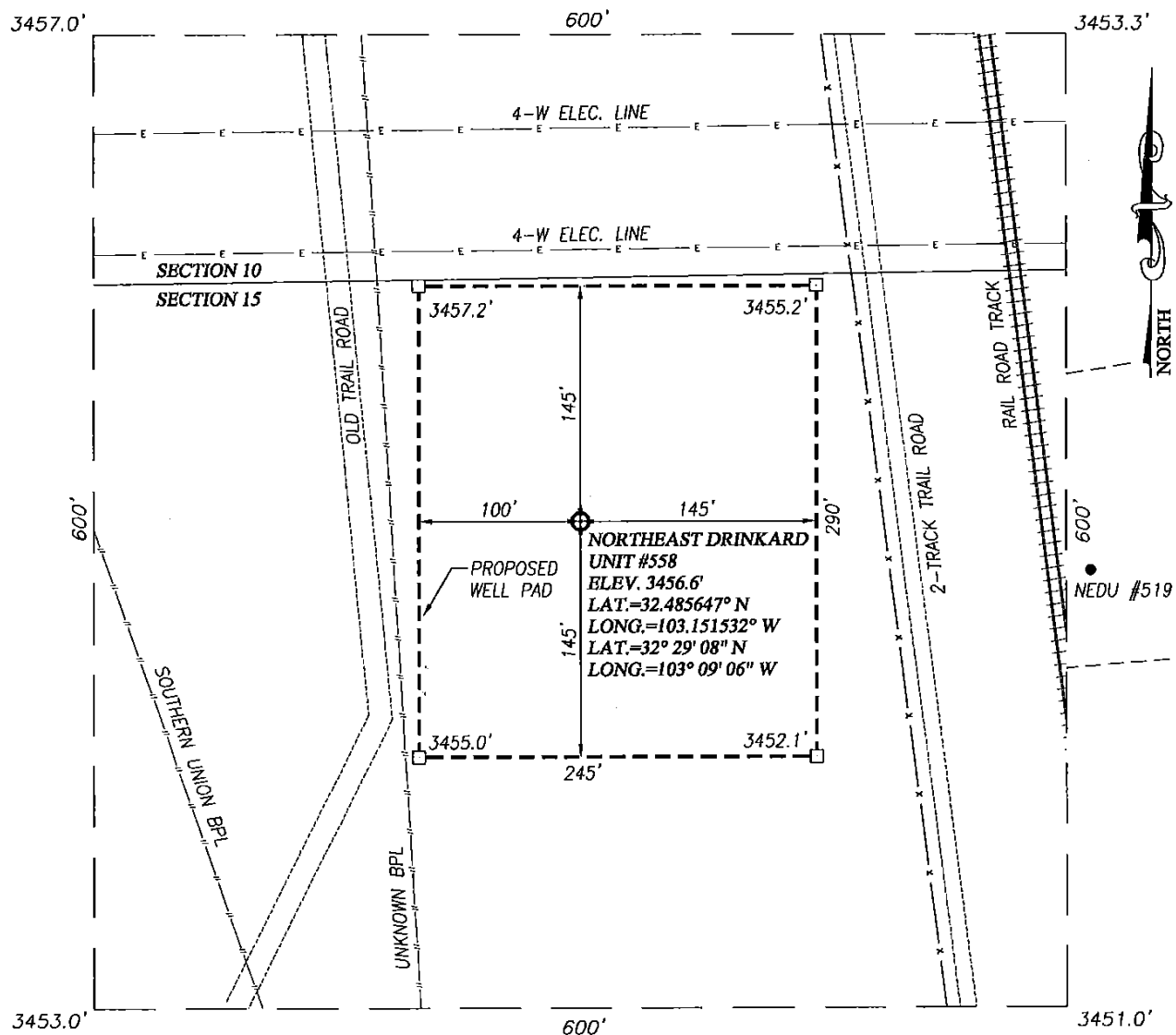
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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Hydril	3000	2000	

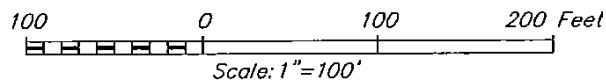
23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify I have complied with 19.15.14.9 (A) NMAC ☒ and/or 19.15.14.9 (B) NMAC ☒ , if applicable. Signature: _____ Printed Name: Electronically filed by Bobby Smith Title: _____ Email Address: bobby.smith@apachecorp.com Date: 1/14/2014 Phone: 432-818-1020	OIL CONSERVATION DIVISION Approved By: Paul Kautz Title: Geologist Approved Date: 1/15/2014 Expiration Date: 1/15/2016 Conditions of Approval Attached
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	OPERATOR CERTIFICATION <i>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> <u>Michelle Cooper 1-14-14</u> Signature Date <u>Michelle Cooper</u> Printed Name <u>Michelle . cooper @apachecorp.</u> E-mail Address						
GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y=542410.2 N X=864418.9 E LAT.=32.485647° N LONG.=103.151532° W LAT.=32° 29' 08" N LONG.=103° 09' 06" W BOTTOM HOLE LOCATION Y=542407.4 N X=864213.9 E	DETAIL						
SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plot 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.</i> DECEMBER 19, 2013 Date of Survey Signature & Seal of Professional Surveyor: <u>Bary G. Eidson 12/10/14</u> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Certificate Number</td> <td style="width: 50%;">Gary G. Eidson 12641</td> </tr> <tr> <td></td> <td>Ronald J. Eidson 3239</td> </tr> <tr> <td>BKL</td> <td>WSC W.O. 13.11.1378</td> </tr> </table>		Certificate Number	Gary G. Eidson 12641		Ronald J. Eidson 3239	BKL	WSC W.O. 13.11.1378
Certificate Number	Gary G. Eidson 12641						
	Ronald J. Eidson 3239						
BKL	WSC W.O. 13.11.1378						



DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF STATE HIGHWAY 248 AND HILL RD. GO NORTH ON ST. HWY. 248 APPROX. 0.5 MILES; TURN RIGHT AND GO EAST APPROX. 0.4 MILES; VEER RIGHT AND GO SOUTH GO APPROX. 0.2 MILES. THIS LOCATION IS APPROX. 135 FEET EAST OF THE ROAD.



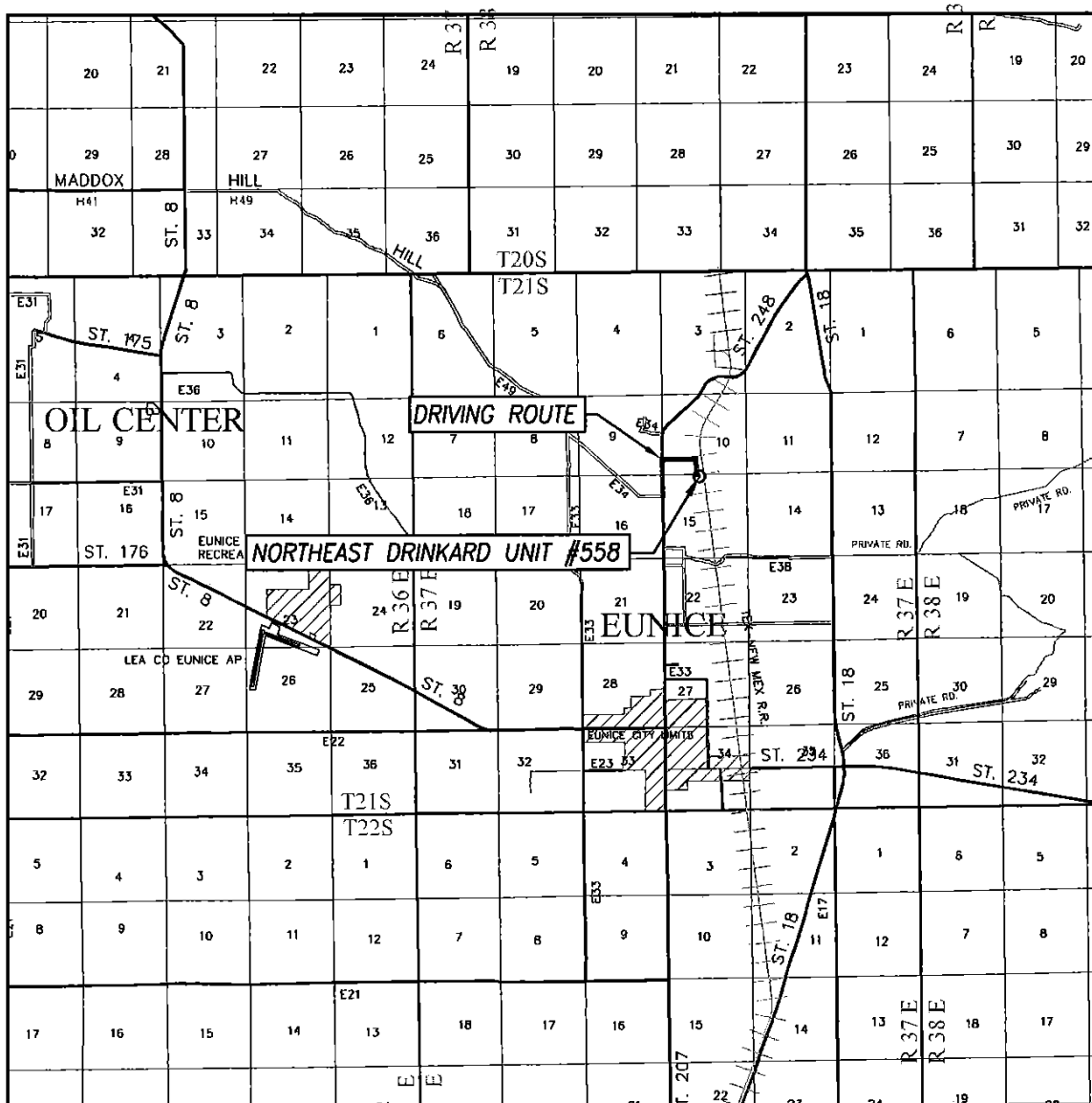
APACHE CORPORATION

**NORTHEAST DRINKARD UNIT #558 WELL
LOCATED 140 FEET FROM THE NORTH LINE
AND 475 FEET FROM THE EAST LINE OF SECTION 15,
TOWNSHIP 21 SOUTH, RANGE 37 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO**

PROVIDING SURVEYING SERVICES
SINCE 1946
JOHN WEST SURVEYING COMPANY
412 N. DAL PASO
HOBBS, N.M. 88240
(575) 393-3117 www.jwsc.biz

Survey Date: 12/19/13	CAD Date: 1/6/14	Drawn By: BKL
W.O. No.: 13111374	Rev: .	Rel. W.O.: Sheet 1 of 1

VICINITY MAP



SCALE: 1" = 2 MILES

DRIVING ROUTE: SEE LOCATION VERIFICATION MAP

SEC. 15 TWP. 21-S RGE. 37-E

SURVEY N.M.P.M.

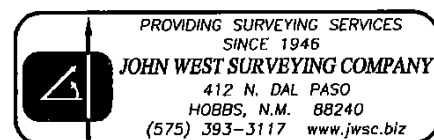
COUNTY LEA STATE NEW MEXICO

DESCRIPTION 150' FNL & 2295' FWL

ELEVATION 3457'

OPERATOR APACHE CORPORATION

LEASE NORTHEAST DRINKARD UNIT



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Form APD Comments

Permit 179836

PERMIT COMMENTS

Operator Name and Address: APACHE CORP [873] 303 Veterans Airpark Lane Midland, TX 79705	API Number: 30-025-41598
	Well: NORTHEAST DRINKARD UNIT #558

Created By	Comment	Comment Date
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Form APD Conditions

Permit 179836

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: APACHE CORP [873] 303 Veterans Airpark Lane Midland, TX 79705	API Number: 30-025-41598
	Well: NORTHEAST DRINKARD UNIT #558

OCD Reviewer	Condition
DMULL	Pit construction and closure must satisfy all requirements of your approved plan, O.C.D. Rule 19.15.2.50, and the Pit and Below-Grade Tank Guidelines
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pkautz	SURFACE & PRODUCTION CASING - Cement must circulate to surface
pkautz	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water