

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-8181 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 184396

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 306616		3. API Number 30-025-41812
5. Property Name MCDONALD STATE AC 2		6. Well No. 038

7. Surface Location

UL - Lot H	Section 13	Township 22S	Range 36E	Lot Idn	Feet From 2525	N/S Line N	Feet From 1070	E/W Line E	County Lea
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8. Proposed Bottom Hole Location

UL - Lot H	Section 13	Township 22S	Range 36E	Lot Idn H	Feet From 2310	N/S Line N	Feet From 990	E/W Line E	County Lea
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9. Pool Information

WANTZ;ABO	62700
DRINKARD	19190
TUBB OIL AND GAS (OIL)	60240
BLINEBRY OIL AND GAS (OIL)	6660

Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3465
16. Multiple Y	17. Proposed Depth 7600	18. Formation Abo	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	1203	420	0
Prod	7.875	5.5	17	7600	1045	0

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:	OIL CONSERVATION DIVISION
Printed Name: Electronically filed by Bobby Smith	Approved By: Paul Kautz
Title:	Title: Geologist
Email Address: bobby.smith@apachecorp.com	Approved Date: 4/29/2014 Expiration Date: 4/29/2016
Date: 4/29/2014 Phone: 432-818-1020	Conditions of Approval Attached

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-	Pool Code 62700	Pool Name Wantz; ABO
Property Code 306616	Property Name MCDONALD STATE A/C 2	Well Number 38
OGRID No. 873	Operator Name APACHE CORPORATION	Elevation 3465'

Surface Location

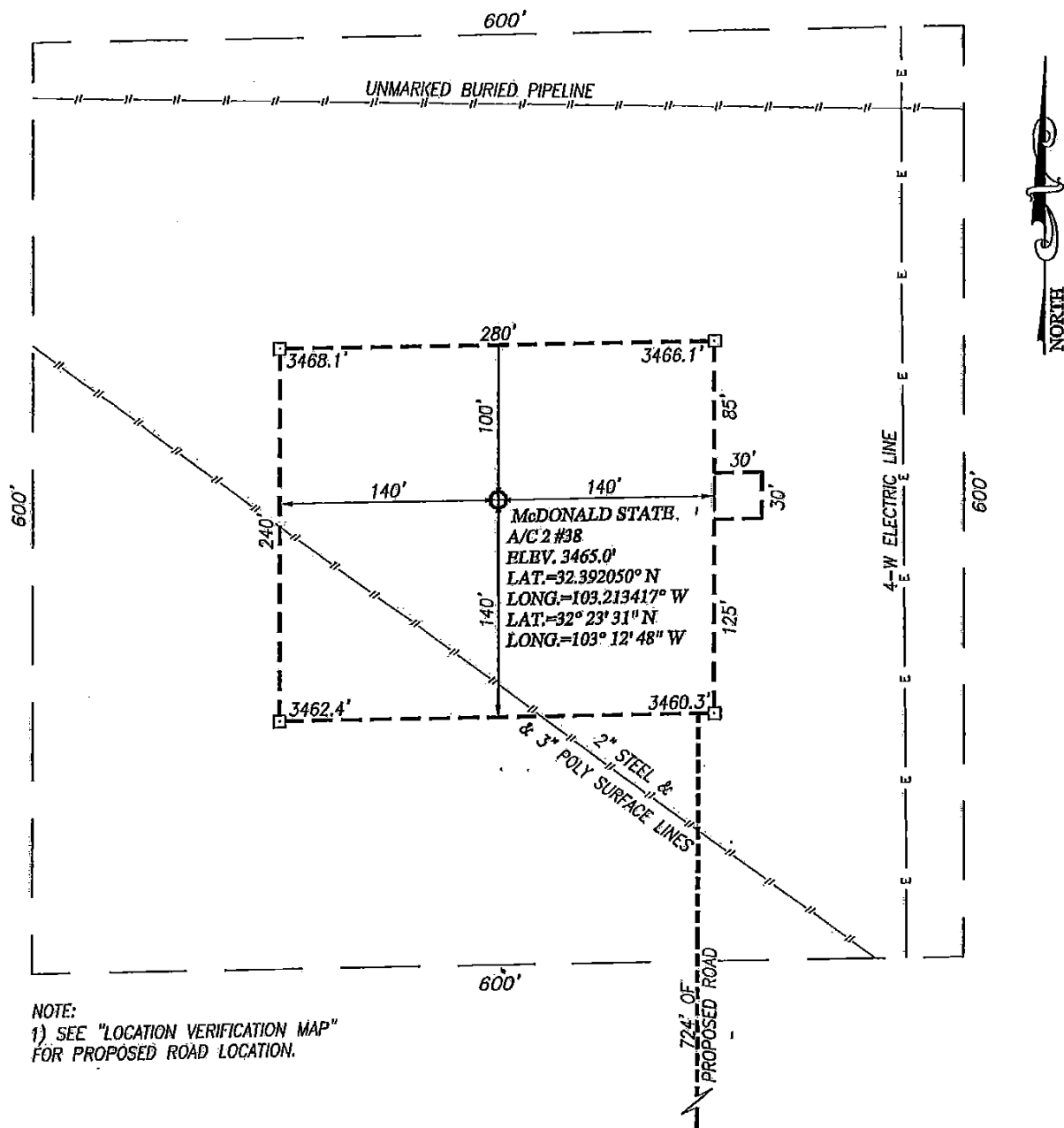
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	13	22-S	36-E		2525	NORTH	1070	EAST	LEA

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	13	22-S	36-E		2310	NORTH	990	EAST	LEA
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						

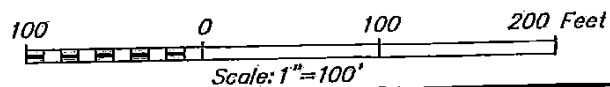
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

GEODETIC COORDINATES NAD 27 NME BOTTOM HOLE LOCATION Y=508368.2 N X=845768.8 E LAT.=32.392640° N LONG.=103.213162° W LAT.=32° 23' 31" N LONG.=103° 12' 48" W GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y=508152.5 N X=845692.2 E LAT.=32.392050° N LONG.=103.213417° W LAT.=32° 23' 31" N LONG.=103° 12' 48" W CORNER COORDINATES TABLE A - Y=509359.0 N, X=845422.3 E B - Y=509375.1 N, X=846743.4 E C - Y=508061.4 N, X=846763.6 E D - Y=508043.8 N, X=845438.4 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> 4-28-14 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. MARCH 19, 2014 Date of Survey Signature & Seal of Professional Surveyor: <i>GARY G. EIDSON</i> 12641 Certificate Number Gary G. Eidson 12641 Ronald J. Eidson 3239 DSS Rev. 4/25/14 PROFESSIONAL SURVEYOR WSC W.O. 14.11.0286
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DIRECTIONS TO McDONALD STATE A/C 2 #38:

FROM THE INTERSECTION OF ST. HWY. #207 AND CO. RD. #E21 (DELAWARE BASIN ROAD), GO WEST ON DELAWARE BASIN ROAD APPROX. 3.0 MILES. TURN LEFT AND GO SOUTH APPROX. 0.6 MILES. TURN RIGHT AND GO WEST APPROX. 0.2 MILES. TURN RIGHT AND FOLLOW PROPOSED ROAD SURVEY STAKES NORTH APPROX. 724 FEET TO THIS LOCATION.



APACHE CORPORATION

McDONALD STATE A/C 2 #38 WELL
LOCATED 2525 FEET FROM THE NORTH LINE
AND 1070 FEET FROM THE EAST LINE OF SECTION 13,
TOWNSHIP 22 SOUTH, RANGE 36 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

Survey Date: 3/19/14

CAD Date: 4/3/14

Drawn By: DSS

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-	Pool Code 19190	Pool Name Drinkard
Property Code 306616	Property Name MCDONALD STATE A/C 2	Well Number 38
OGRID No. 873	Operator Name APACHE CORPORATION	Elevation 3465'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	13	22-S	36-E		2525	NORTH	1070	EAST	LEA

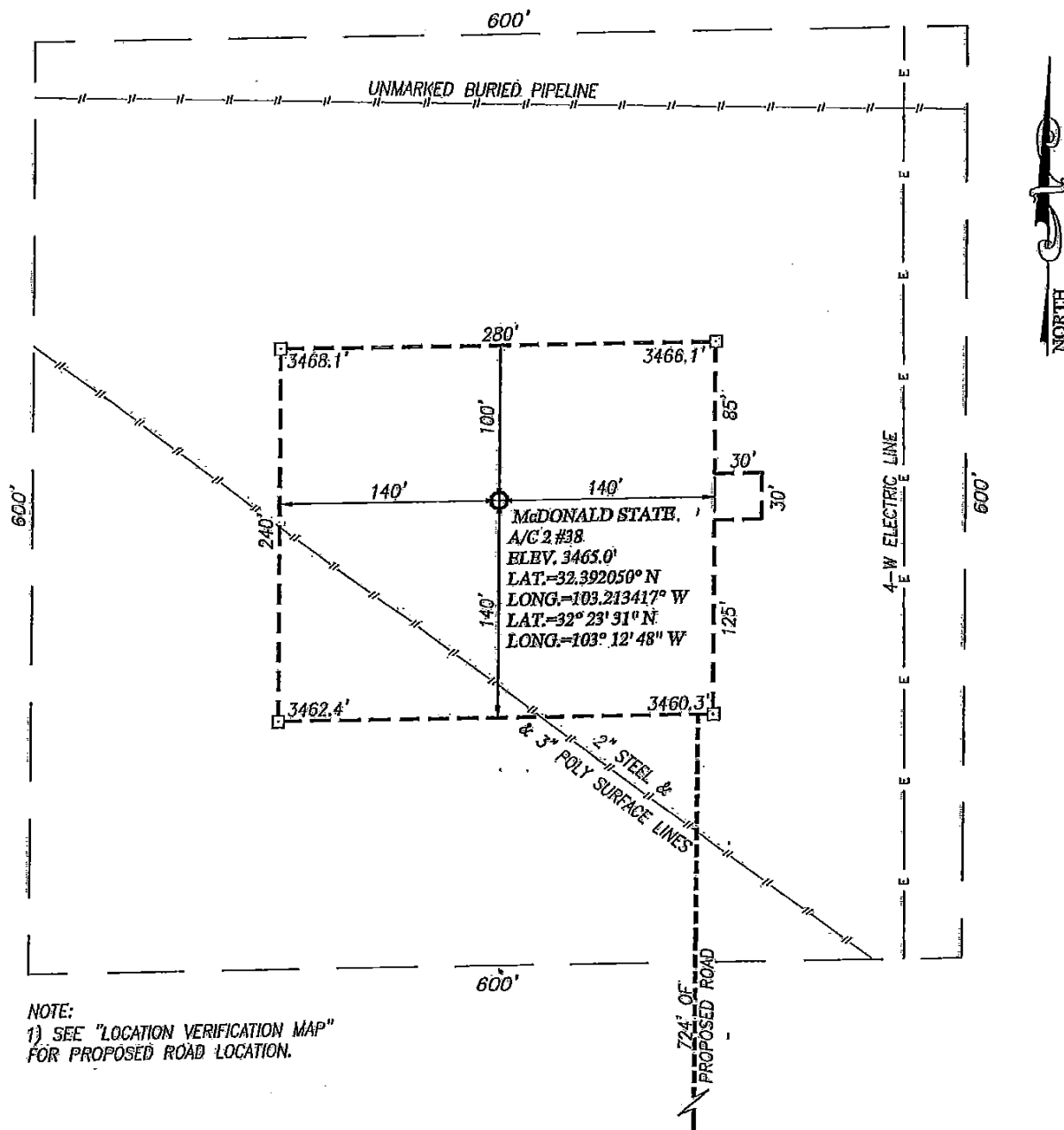
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	13	22-S	36-E		2310	NORTH	990	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40			

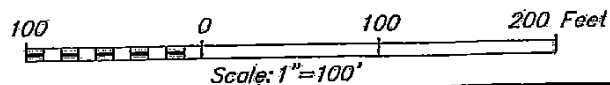
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AND 1070 FEET FROM THE EAST LINE OF SECTION 13,
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LEA COUNTY, NEW MEXICO



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SINCE 1946
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WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-	Pool Code 60240	Pool Name Tubg Oil & Gas
Property Code 306616	Property Name MCDONALD STATE A/C 2	Well Number 38
OGRID No. 873	Operator Name APACHE CORPORATION	Elevation 3465'

Surface Location

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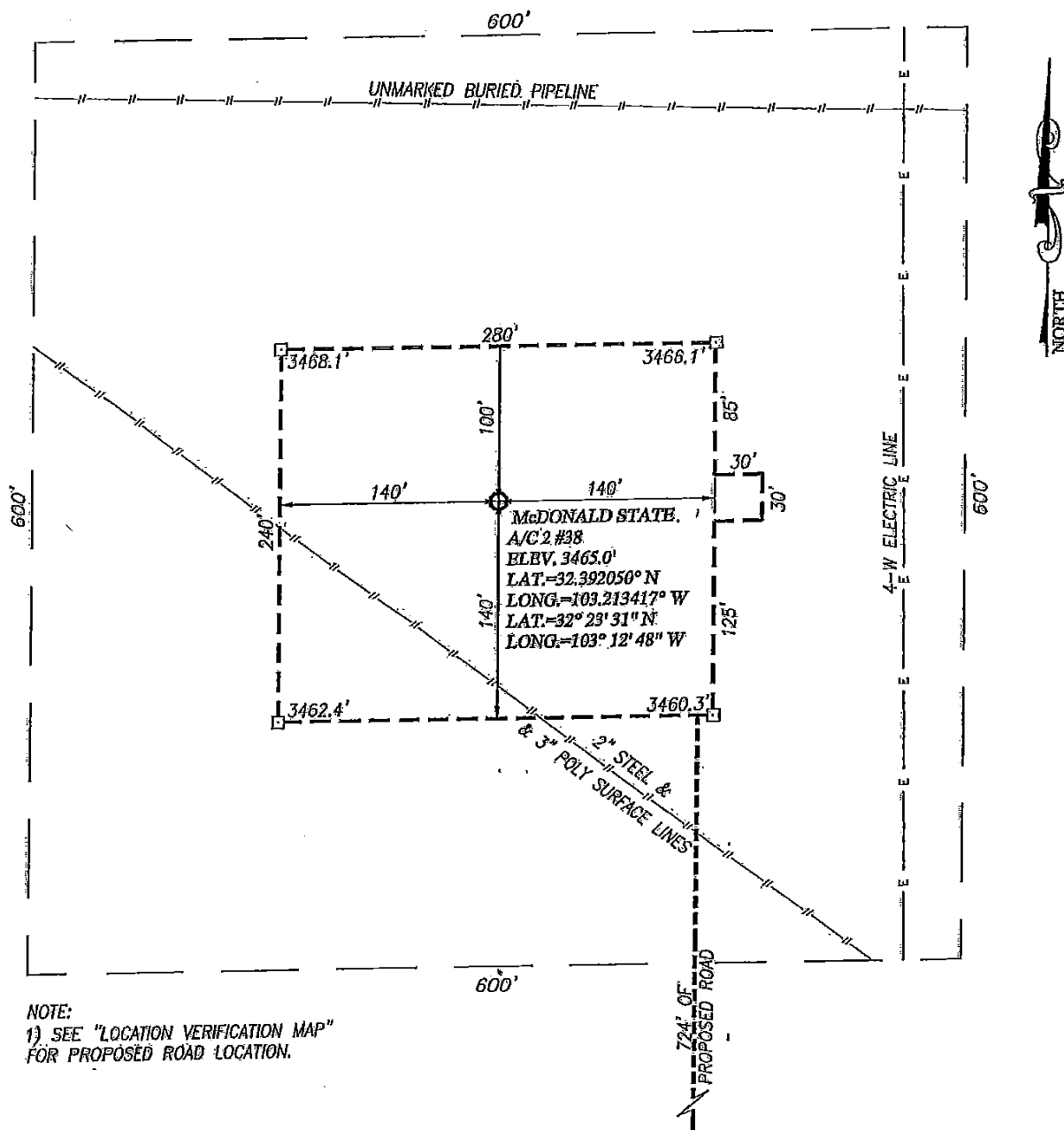
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Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
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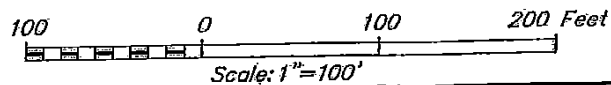
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WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-	Pool Code 6660	Pool Name Blinebry Oil & Gas
Property Code 306616	Property Name McDONALD STATE A/C 2	Well Number 38
OGRID No. 873	Operator Name APACHE CORPORATION	Elevation 3465'

Surface Location

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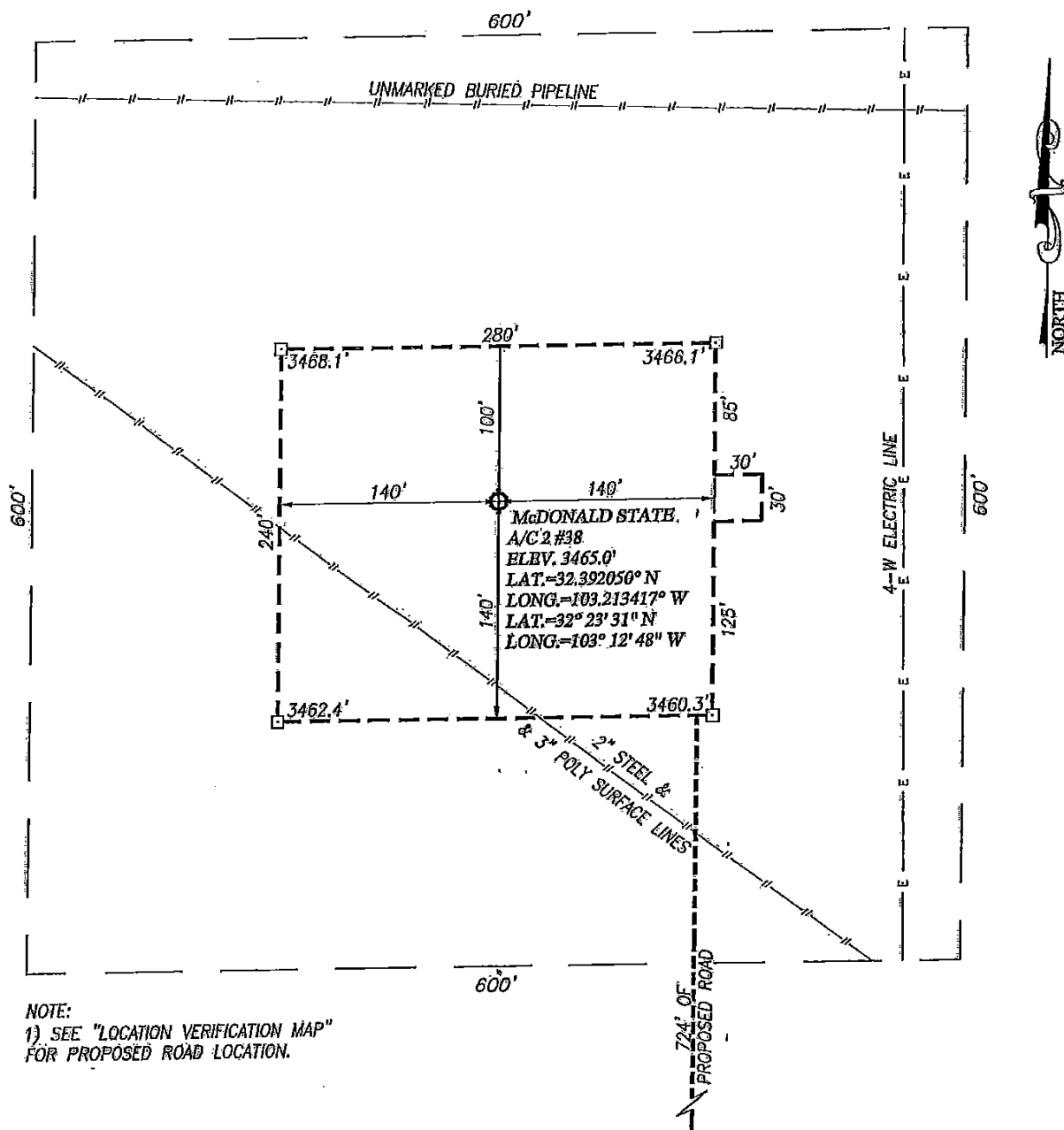
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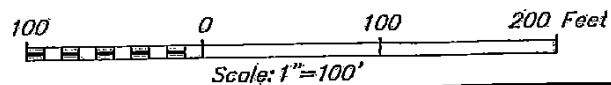
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Form APD Comments

Permit 184396

PERMIT COMMENTS

Operator Name and Address: APACHE CORP [873] 303 Veterans Airpark Lane Midland, TX 79705	API Number: 30-025-41812
	Well: MCDONALD STATE AC 2 #038

Created By	Comment	Comment Date
pkautz		4/29/2014
pkautz	Land s/S	4/29/2014

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Form APD Conditions
Permit 184396

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: APACHE CORP [873] 303 Veterans Airpark Lane Midland, TX 79705	API Number: 30-025-41812
	Well: MCDONALD STATE AC 2 #038

OCD Reviewer	Condition
pkautz	Will require a directional survey with the C-104
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