

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 Brimos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30 025 40795		2 Pool Code 5535		3 Pool Name Berry; Bone Spring, North	
4 Property Code 38834		5 Property Name LIGHTNING P-38 STATE			6 Well Number 6H
7 OGRID No. 229137		8 Operator Name COG OPERATING, LLC			9 Elevation 3751'

10 Surface Location

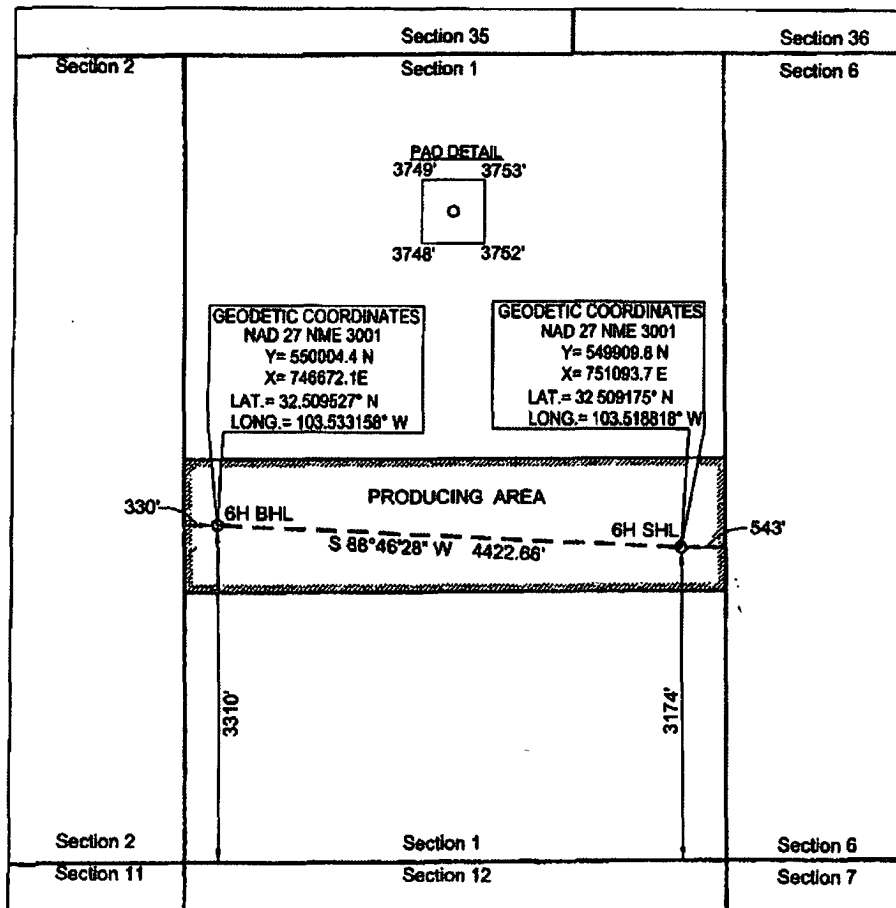
UL or lot no. P	Section 1	Township 21S	Range 33E	Lot Idn	Feet from the 3174'	North/South line SOUTH	Feet from the 543'	East/West line EAST	County LEA
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11 Bottom Hole Location If Different From Surface

UL or lot no. M	Section 1	Township 21S	Range 33E	Lot Idn	Feet from the 3310'	North/South line SOUTH	Feet from the 330'	East/West line WEST	County LEA
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12 Dedicated Acres 160	13 Joint or Infill	14 Consolidation Code	15 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.



16 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 a leasehold 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 an interest or working interest, or is a voluntary pooling agreement for a regulatory pooling order hereinafter entered by the division.

Signature: *Melanie Foster* Date: *9/26/12*
Printed Name: *Melanie Foster*
E-mail Address: *mofoster@concho.com*

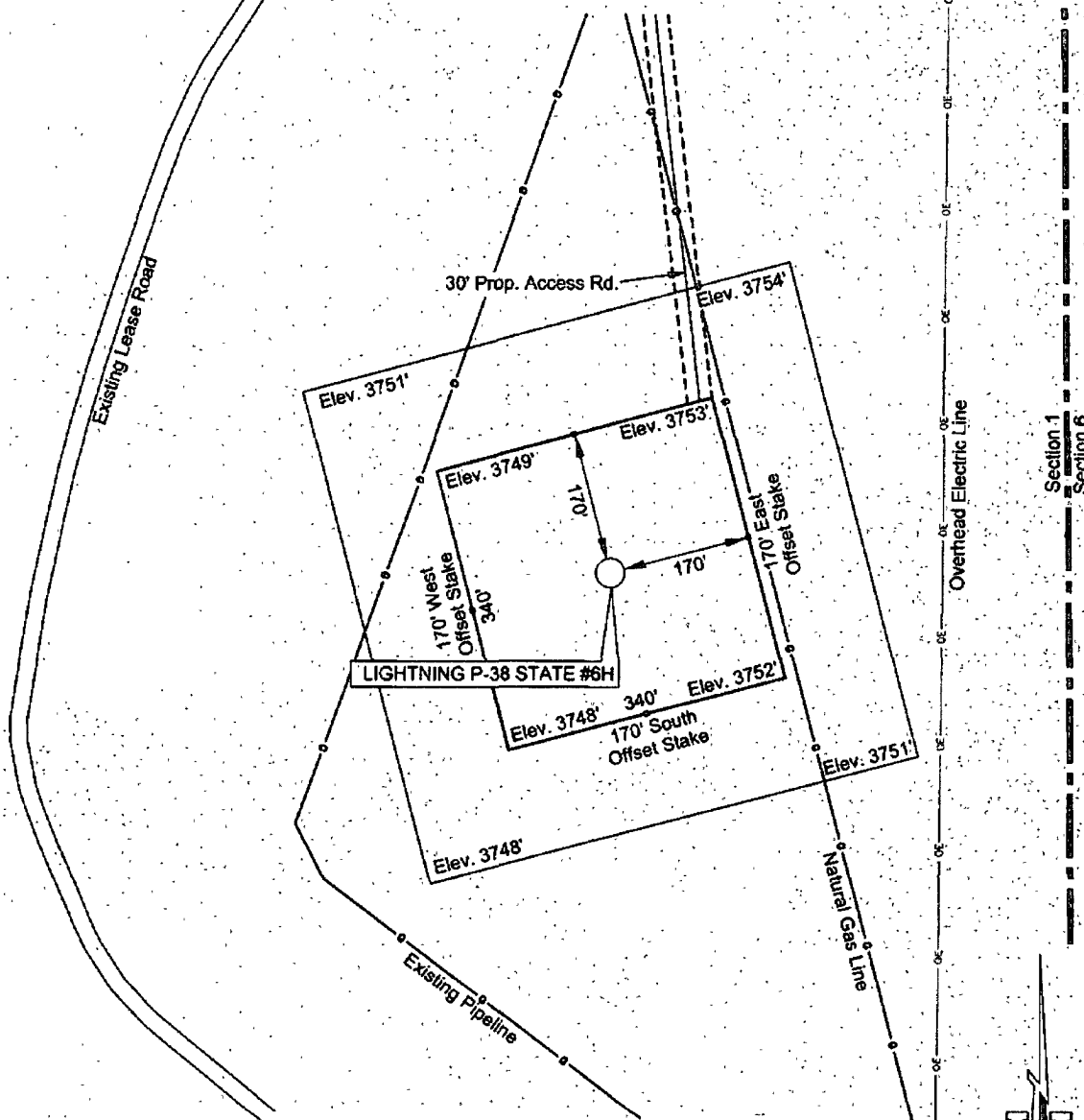
17 SURVEYOR CERTIFICATION

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.

Signature: *B. J. Jeffrey* Date of Survey: *9/26/12*
Professional Surveyor Seal: *NEW MEXICO 20559*
Certificate Number: *20559*

SEP 27 2012

SECTION 1, T21S, R33E



DIRECTIONS TO LOCATION

FROM EUNICE, NEW MEXICO, TAKE NM-176 W FOR APPROXIMATELY 6.4 MILES, TURN LEFT TO STAY ON NM-176 W AND GO APPROXIMATELY 15.2 MILES, TURN LEFT ON EXISTING LEASE ROAD AND GO APPROXIMATELY 0.39 MILES, TURN RIGHT AND CONTINUE ON LEASE ROAD FOR 0.54 MILES, TURN LEFT OFF EXISTING WELL PAD GO SOUTH AND CONTINUE ON EXISTING LEASE ROAD FOR 0.51 MILES, AND PAD WILL BE ON THE LEFT.

Well Name	NAD 27 Coordinates		NAD 83 Coordinates		Elevation
	Latitude	Longitude	Latitude	Longitude	
LIGHTNING P-38 STATE #6H	32.509175°N	103.518818°W	32.509299°N	103.519305°W	3751'

KSA
ENGINEERS

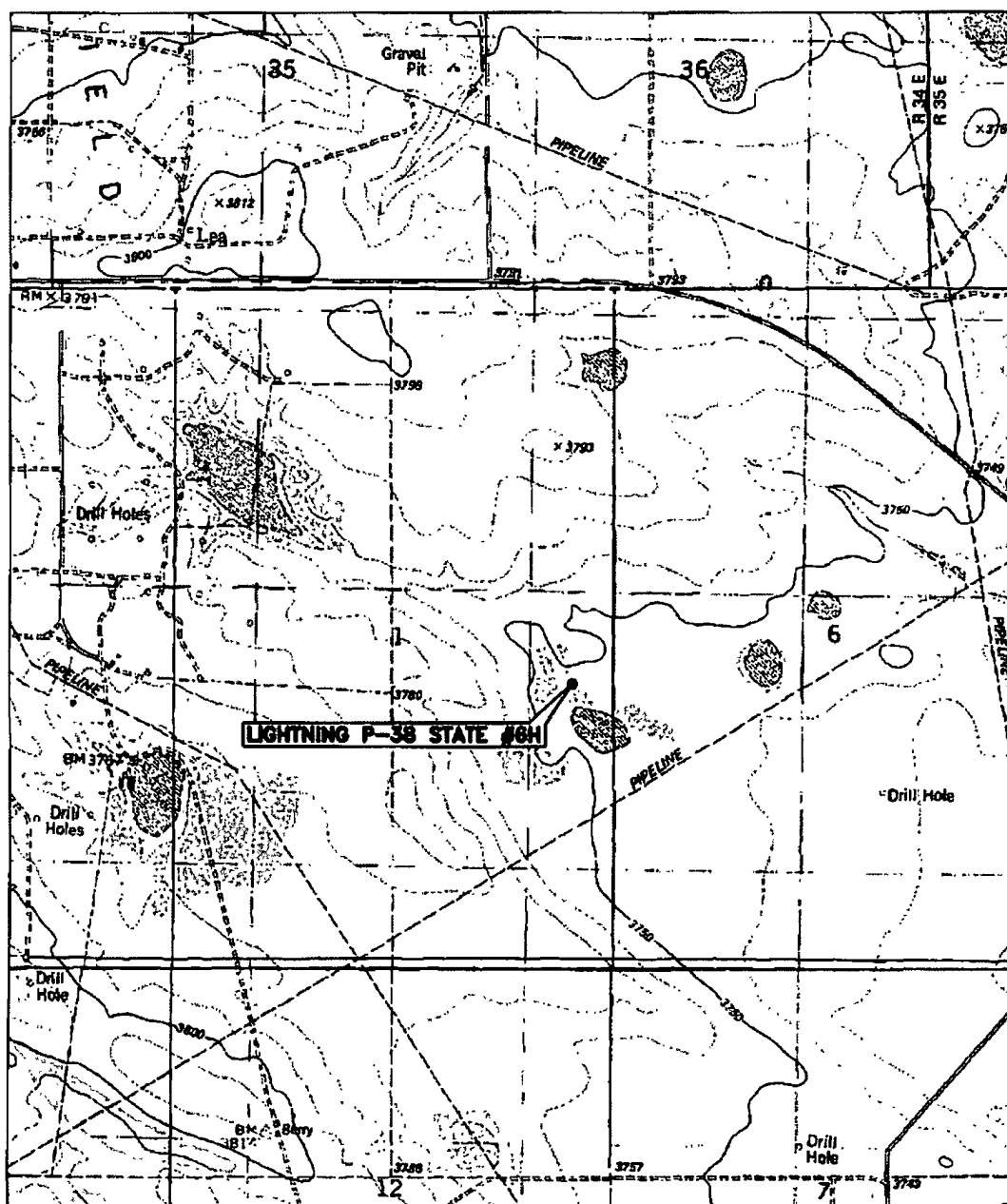
140 E. Tyler St., Suite 400 Longhorn, Texas 75067
1.800.234-7700 F. 972.736-7779
www.ksaeng.com

COG OPERATING, LLC.
Lightning P-38 State #6H

7/12/12

Lightning P-38 State #6H
Located 3174' From South Line
and 543' From East Line
SEC 1, T21S, R33E
Lea County, New Mexico

LOCATION VERIFICATION MAP



SCALE: 1"=2000'

CONTOUR INTERVAL: 10'

Well Name	NAD 27 Coordinates		NAD 83 Coordinates		Elevation
	Latitude	Longitude	Latitude	Longitude	
LIGHTNING P-38 STATE #6H	32.509175°N	103.518818°W	32.509299°N	103.519305°W	3751'

KBA
ENGINEERS

140 E. Tyler St., Suite 200, Las Vegas, NV 89101
702-735-7000 / 702-735-7770
www.kbaeng.com

COG OPERATING, LLC.
Location Verification Map
Lightning P-38 State #6H

Lightning P-38 State #6H
Located 3174' From South Line
and 543' From East Line
SEC 1, T21S, R33E
Lea County, New Mexico

KSA
ENGINEERS

1403 E. Tyler St., Suite 400 Longview, Texas 75601
 T 903-236-7700 F 903-236-7779
www.bosong.com

7/12/12

Lightning P-38 State #6H
Located 3174' From South Line
and 543' From East Line
SEC 1, T21S, R33E
Lea County, New Mexico



September 26, 2012

Oil Conservation Division
1625 N. French Drive
Hobbs, New Mexico 88240

Attention: Mr. Paul Kautz

Re: Lightning P-38 State #6H
Unit P, Section 1, Township 21 South, Range 33 East
Lea County, New Mexico

Dear Mr. Kautz:

Please be advised that there are no active potash leases within a one-mile radius of the proposed subject well. Attached is a copy of the BLM base map with potash leases marked in blue diagonal lines. There are no leases in all of Township 21 South, Range 33 East.

If you need anything further from COG regarding this APD, please don't hesitate to contact me at 575-748-6952 or mparker@concho.com.

Thank you.

Sincerely,

A handwritten signature in black ink that reads "Mayte Reyes". The signature is fluid and cursive.

Mayte Reyes
Regulatory Analyst

/mr
Attachment