

DISTRICT I
1825 N. FRENCH DR., HOBBS, NM 88240
Phone: (505) 392-8181 Fax: (505) 393-0720

DISTRICT II
811 S. FIRST ST., ARTESIA, NM 88210
Phone: (505) 748-1283 Fax: (505) 748-0720

DISTRICT III
1000 RIO BRAZOS RD., AZTEC, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV
1229 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 478-3480 Fax: (505) 478-3482

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-41993	Pool Code 37580	Pool Name LEA; BONE SPRING, SOUTH
Property Code	Property Name PALOMA 21 FEDERAL	Well Number 1H
OGRID No.	Operator Name FASKEN OIL & RANCH	Elevation 3637.4'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	21	20-S	34-E		200	NORTH	675	WEST	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
E	28	20-S	34-E		2318	NORTH	444	WEST	LEA

Dedicated Acres 240	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

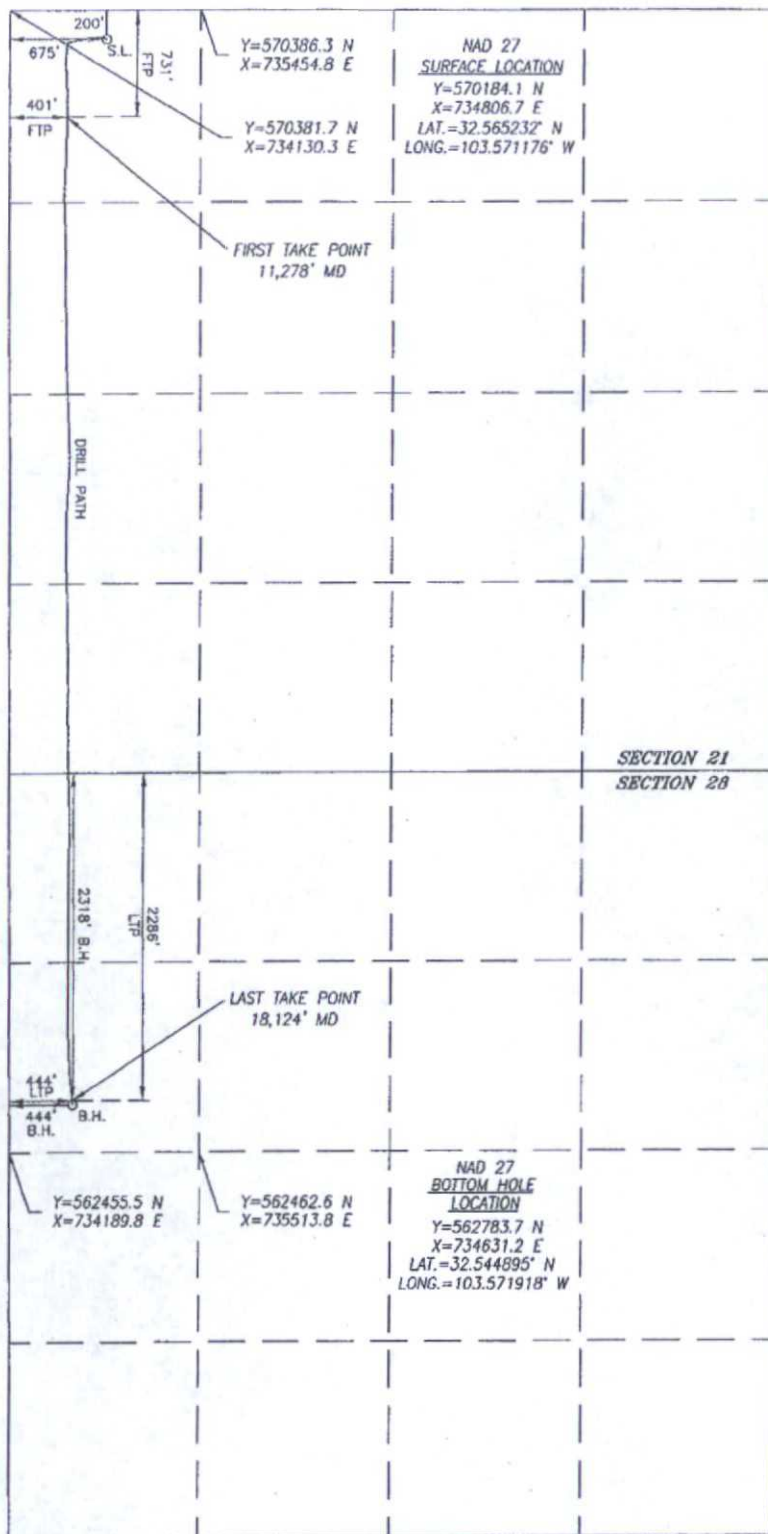
SEE PAGE 2

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Certificate No. CHAD HARCROW 17777
W.O. # 15-771 DRAWN BY: DS

OCT 27 2015

Property Code	Property Name PALOMA 21 FEDERAL	Well Number 1H
OGRID No.	Operator Name FASKEN OIL & RANCH	Elevation 3637.4'



BOREPATH SHOWN HEREON IS BASED ON A DIRECTIONAL SURVEY REPORT PROVIDED BY FASKEN OIL & RANCH AS SUPPLIED FROM BAKER HUGHES OCTOBER 7, 2014 FOR THE PALOMA 21 FEDERAL 1H.

1200 0 1200
SCALE: 1"=1200'

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.

Signature: Addison Long Date: 6-26-15
Printed Name: Addison Long
E-mail Address: addisonl@forl.com

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.

JANUARY 24 2013/OCT. 7, 2014

SURVEY DATE/DATE OF GEOGRAPHIC REPORT

Signature & Seal of Professional Surveyor



Signature: Chad Harcrow Date: 6/26/15
Certificate No. CHAD HARCROW 17777

W.O. # 15-771 DRAWN BY: DS

Phoenix Technology Services SURVEY DATA CERTIFICATION



PHOENIX JOB NUMBER 1411774

OPERATOR Fasken

WELL NAME Paloma 21 Federal 1H

COUNTY & STATE

Lea County, NM

API WELL NUMBER 30-025-41993

PROPOSED DIRECTION 181.7°

TIE-IN DATA						
MEASURED	VERTICAL			N-S	E-W	DATA
DEPTH	DEPTH	INCLIN	AZIMUTH	COORD	COORD	SOURCE
5,436. ft	5,435.75 ft	0.90	19.64	12.04 ft	-22.23 ft	Gyro

FIRST	FIRST		
SURVEY	SURVEY		
DATE	DEPTH	INCLIN	AZIMUTH
22-Sep-14	5,515.00 ft	1.00	6.40

SURVEY INSTRUMENT
TYPE
Phoenix MWD

LAST	LAST		
SURVEY	SURVEY		
DATE	DEPTH	INCLIN	AZIMUTH
27-Sep-14	10,338.00 ft	1.1°	230.5°

TO THE BEST OF MY KNOWLEDGE I
CERTIFY THIS SURVEY DATA TO BE
TRUE AND CORRECT.

PROJECTED	PROJECTED		
TD SURVEY	TD SURVEY		
DATE	DEPTH	INCLIN	AZIMUTH
27-Sep-14	10,390.00 ft	1.10	230.50

Greg Hurst

PRINT YOUR NAME ABOVE

Greg Hurst
SIGN YOUR NAME ABOVE

MAGNETIC DECLINATION OR TOTAL GRID

TOTAL CORRECTION USED	6.8
DECLINATION OR GRID	GRID

9/27/2014

TODAY'S DATE

MWD SUPERVISOR 1

Greg Hurst

DIRECTIONAL DRILLER 1

Glen McVay

MWD SUPERVISOR 2

Andrew Cagnolatti

DIRECTIONAL DRILLER 2

Byron Deel

12329 Cutten Rd., Houston, Texas 777066 (713)337-0600 (Voice), (713)337-0599 (Fax)