

DATE: 9/16/2014	SUSPENSE	ENGINEER	LOGGED BY: 9/16/2014	TYPE: NSL	APP NO: PMA142595438
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
- Engineering Bureau -
1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication
Amended ☒ NSL ☐ NSP ☐ SD NSL-7085; Heros #2H; 30-045-35589

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify _____

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply

[A] ☐ Working, Royalty or Overriding Royalty Interest Owners

[B] ☐ Offset Operators, Leaseholders or Surface Owner

[C] ☐ Application is One Which Requires Published Legal Notice

[D] ☐ Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] ☐ Waivers are Attached

[3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] CERTIFICATION: I hereby certify that the information submitted with this application for administrative approval is accurate and complete to the best of my knowledge. I also understand that no action will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Heather Riley
Print or Type Name

Heather Riley
Signature

Regulatory Manager 9/16/14
Title Date

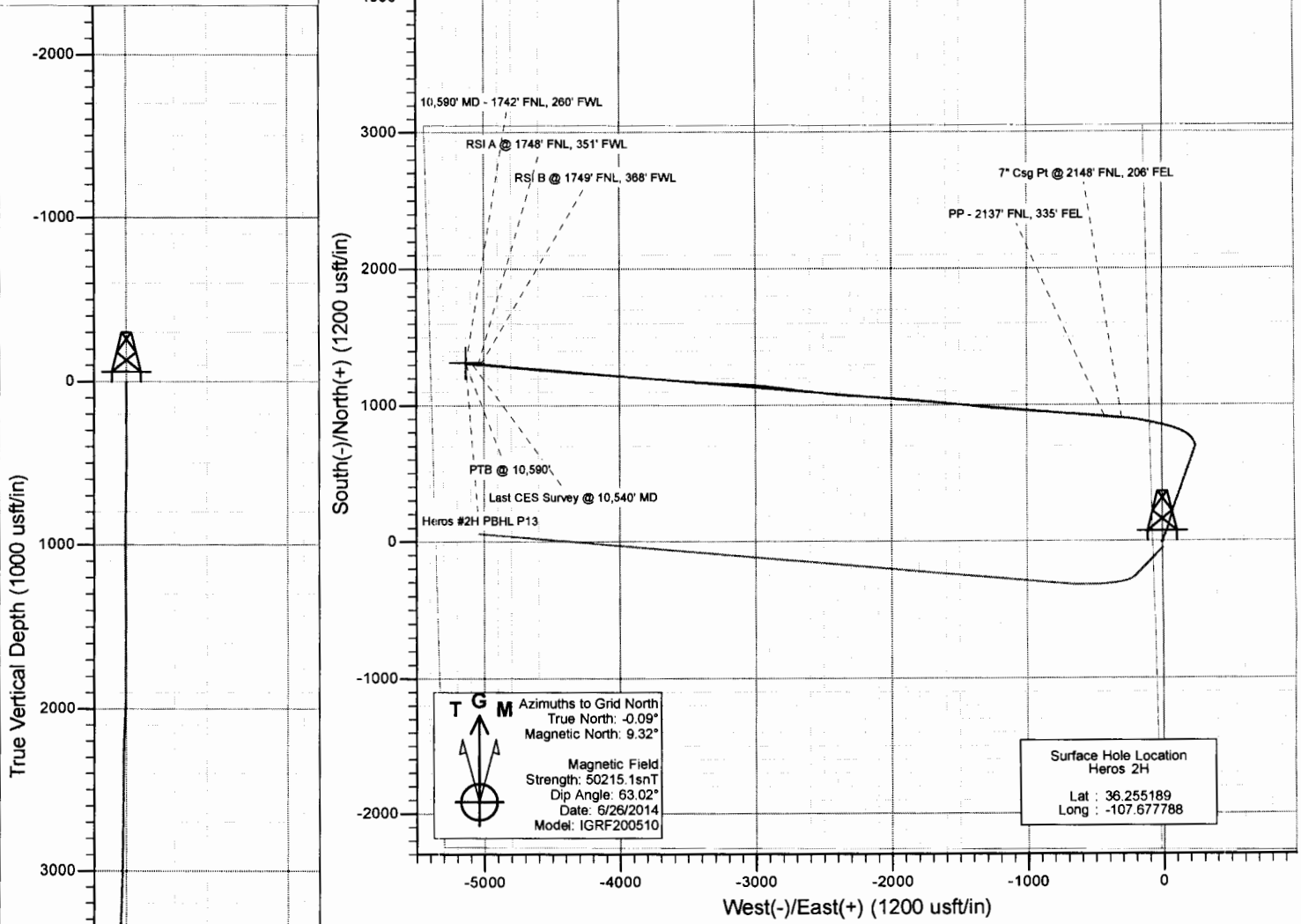
heather.riley@wpxenergy.com
e-mail Address



Project: San Juan County, NM
 Site: S3-T23N-R8W (Heros Pad)
 Well: Heros 2H
 Wellbore: HZ
 Design: FINAL

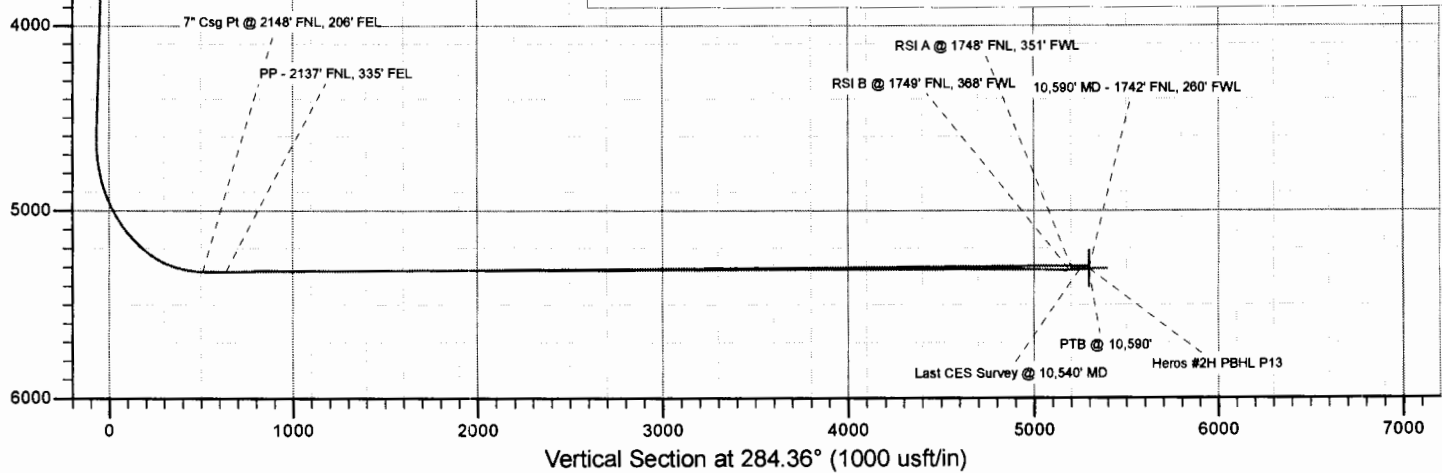


FINAL
 Heros 2H
 145201/12737: SC
 KB=15' @ 6900.0usft
 Ground Elevation @ 6885.0
 North American Datum 1983
 Well Heros 2H, Grid North



DESIGN TARGET DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
Heros #2H PBHL P13	1313.8	-5132.9	1913538.15	2783818.61	36.258820	-107.695191



McMillan, Michael, EMNRD

From: Riley, Heather <Heather.Riley@wpxenergy.com>
Sent: Tuesday, September 16, 2014 2:22 PM
To: McMillan, Michael, EMNRD
Cc: McQueen Jr, Ken; Felix, Andrea; Granillo, Lacey; Heil, Mark; Higgins, Larry; Bassett, Chuck; West, Brennan; Vermersch, Amy H, EMNRD; Hoppe, William, EMNRD; Perrin, Charlie, EMNRD
Subject: RE: Heros #002H; API # 30-045-35539; NSL-7085

Please see in red print two corrections below.

Heather Riley
Regulatory Manager, San Juan Asset Team
WPX Energy
P. O. Box 640
Aztec, NM 87410
(970) 749-8747 (cell)
(505) 333-1822 (office)
heather.riley@wpxenergy.com

From: Riley, Heather
Sent: Tuesday, September 16, 2014 1:55 PM
To: 'McMillan, Michael, EMNRD'
Cc: McQueen Jr, Ken; Felix, Andrea; Granillo, Lacey; Heil, Mark; Higgins, Larry; Bassett, Chuck; West, Brennan; Amy Vermersch (AmyH.Vermersch@state.nm.us); Hoppe, William, EMNRD; 'Perrin, Charlie, EMNRD'
Subject: Heros #002H; API # 30-045-35539; NSL-7085

Good afternoon Mr. McMillan. Pursuant to our conversation yesterday, WPX Energy Production, LLC (WPX) proposes to amend Administrative Order NSL-7085 as follows:

Proposed Location:

Surface:	2268' FSL & 70' FWL	L	3	23N	8W	San Juan
Penetration Point:	2150' FNL & 330' FEL	H	4	23N	8W	San Juan
Terminus:	2150' FNL & 250' FWL	E	4	23N	8W	San Juan

Actual Location:

Surface:	2268' FSL & 70' FWL	L	3	23N	8W	San Juan
Penetration Point:	2137' FNL & 335' FEL	H	3 4	23N	8W	San Juan
Terminus:	1742' FNL & 260' FWL	E	3 4	23N	8W	San Juan

The actual completed interval encroaches less than the proposed interval therefore, notice is not required.

Attached for your review is the "As Drilled" plat as well as the End of Well Report. Please let me know if you have any questions.

Thank you,

Heather Riley
Regulatory Manager, San Juan Asset Team
WPX Energy
P. O. Box 640
Aztec, NM 87410
(970) 749-8747 (cell)
(505) 333-1822 (office)
heather.riley@wpxenergy.com

DISTRICT II
811 S. First St., Artesia, N.M. 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

OIL CONSERVATION DIVISION

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410
Phone: (505) 334-8178 Fax: (505) 334-8170

1220 South St. Francis Dr.
Santa Fe, N.M. 87505

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, N.M. 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

"AS DRILLED"

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-35539		*Pool Code 97232	*Pool Name BASIN MANCOS
*Property Code	*Property Name HEROS		*Well Number 002H
*OGRID No. 120782	*Operator Name WPX ENERGY PRODUCTION, LLC		*Elevation 6879

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	3	23 N	8 W		2268	SOUTH	70	WEST	SAN JUAN

"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	4	23 N	8 W		1742	NORTH	260	WEST	SAN JUAN

14 Dedicated Acres 160 ACRES S2/N2	15 Joint or Infill	16 Consolidation Code	17 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

18 BOTTOM HOLE

1742' FNL, 260' FWL
LAT: 36.2588009° N
LONG: 107.6951898° W
NAD 83
LAT: 36°15.52729' N
LONG: 107°41.67469' W
NAD 27

LANDING POINT

2148' FNL, 206' FEL
LAT: 36.2576693° N
LONG: 107.6787865° W
NAD 83
LAT: 36°15.45940' N
LONG: 107°40.69052' W
NAD 27

SURFACE

2268' FSL, 70' FWL
LAT: 36.2551894° N
LONG: 107.6777876° W
NAD 83
LAT: 36°15.31060' N
LONG: 107°40.63059' W
NAD 27

The survey map displays two sections, SECTION 4 and SECTION 3, separated by a vertical line. SECTION 4 contains LOT 3 and LOT 2, while SECTION 3 contains LOT 4, LOT 3, LOT 2, and LOT 1. The map shows various bearings and distances between points, including the Bottom Hole, Landing Point, and Surface. A dashed line indicates the well location. The map also shows Lot 1 through Lot 4.

BEARINGS & DISTANCES SHOWN ARE REFERENCED TO THE NEW MEXICO COORDINATE SYSTEM, WEST ZONE, NAD 83, UNLESS OTHERWISE NOTED.

NOTE: THE COORDINATES FOR THE LANDING POINT AND THE BOTTOM HOLE LOCATION CAME FROM THE CERTIFIED FINAL DIRECTIONAL SURVEY CONDUCTED BY CATHEDRAL ON 07/31/14.

LEGEND:

- = SURFACE LOCATION
- = BOTTOM HOLE LOCATION
- ⊕ = FOUND 1947 U.S.G.L.O. BRASS CAP
- △ = LANDING POINT

State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

David Martin
Cabinet Secretary

Brett F. Woods, Ph.D.
Deputy Cabinet Secretary

Jami Bailey, Division Director
Oil Conservation Division



May 21, 2014

LOGOS OPERATING, LLC
c/o Montgomery & Andrews Law Firm, Attorneys
Attn: Mr. Scott Hall

ADMINISTRATIVE NON-STANDARD LOCATION ORDER

Administrative Order NSL-7085
Administrative Application Reference No. pMAM1412158364

Administrative Order NSP-1983
Administrative Application Reference No. pMAM1412159517

Logos Operating, LLC
OGRID 289408
Heros Well No. 2H
API No. 30-045-pending

Proposed Location:

	Footages	Unit	Sec.	Twsp	Range	County
Surface	2268 FSL & 70 FWL	L	3	23N	8W	San Juan
Penetration Point	2150 FNL & 330 FEL	H	4	23N	8W	San Juan
Terminus	2150 FNL & 250 FWL	E	4	23N	8W	San Juan

Proposed Project Area:

Description	Acres	Pool	Pool Code
S/2 N/2 of Section 4	160	Basin Mancos	97232

Reference is made to your application received on May 1, 2014.

You have requested to drill this well at an unorthodox oil well location described above, in the referenced pool or formation. This location is governed by the Special Rules for the Basin Mancos Gas Pool, which provides for 320-acre units with wells to be located at least 660 feet

May 21, 2014
Page 3

DONE at Santa Fe, New Mexico, on May 21, 2014

A handwritten signature in black ink, appearing to read "Jami Bailey". The signature is fluid and cursive, with the first name "Jami" written in a larger, more prominent script than the last name "Bailey".

Jami Bailey
Director

JB/mam

cc: New Mexico Oil Conservation Division – Aztec
Bureau of Land Management – Farmington

Notice List Heros Well 2-H and 3-H

**Burlington Resources Oil and Gas Company LP
P. O. Box 51810
Midland, TX 79101-1810**

**Elm Ridge Exploration Company LLC
12225 Greenville Ave., Ste. 950
Dallas, TX 75243-0597**

**Energen Resources Corporation
2010 Afton Pl.
Farmington, NM 87401**

**WPX Energy Production LLC
4400 One Williams Center
Tulsa, OK 74172-0144**

**Bureau of Land Management
6251 College Blvd.
Farmington, NM 87402**

Exhibit

C