

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
NM|NM113426

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

High Plains Operating Company, LLC

3a. Address

32700 Aspen Drive
Buena Vista, CO 81211

3b. Phone No. (include area code)

719-395-8059 719-207-0164 (Cell)

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2537' FSL and 2523' FWL of section 21-T20N-R5W of the NMPM

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No.
Ojo Encino 21 Federal #1H

9. API Well No.
30-031-21107

10. Field and Pool or Exploratory Area
Ojo Encino Entrada (48030)

11. Country or Parish, State
McKinley County, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other <u>Change of</u>
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	<u>directional drilling</u>
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	<u>plan.</u>

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

High Plains Operating Company, LLC (HPOC) is operating with Bond No. NMB 000457.

HPOC has revised its pre-drill plan for this directionally drilled well. Note that the west half of the east half and the west half of section 21 and the northeast quarter and the east half of the northwest quarter of section 28 are part of the same BLM lease NM|NM113426. The proposed Entrada lateral will be entirely within the bounds of this lease.

See the accompanying revised survey plat (State form C-102) and revised Pathfinder directional drilling plan.

RCVD SEP 29 '09

OIL CONS. DIV.

DIST. 3

- New BHL: 1155' / S, 2010' / E Sec. 28 20N 5W

- TD: 9466' MD, 5906' TVD

CONDITIONS OF APPROVAL
Adhere to previously issued stipulations.

N5L6079

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)

Arthur W. Butler III

Title Manager, High Plains Operating Company, LLC

Signature

Arthur W. Butler III

Date 09/18/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Troy L. Salvors

Title Petroleum Eng.

Date 9/28/2009

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office FFO

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

NMOCD

DISTRICT I
1626 N. French Dr., Hobbs, N.M. 88240

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised October 12, 2005

DISTRICT II
1301 W. Grand Avenue, Artesia, N.M. 88210

DISTRICT III
1000 Rio Brazos Rd., Artec, N.M. 87410

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 48030	Pool Name OJO ENCINO ENTRADA
Property Code 37743	Property Name OJO ENCINO 21 FEDERAL	Well Number 1 H
GRID No. 246238	Operator Name HIGH PLAINS OPERATING COMPANY, LLC	Elevation 6792'

10 Surface Location

UL or lot no. K	Section 21	Township 20N	Range 5W	Lot Idn	Feet from the 2537'	North/South line SOUTH	Feet from the 2523'	East/West line WEST	County McKINLEY
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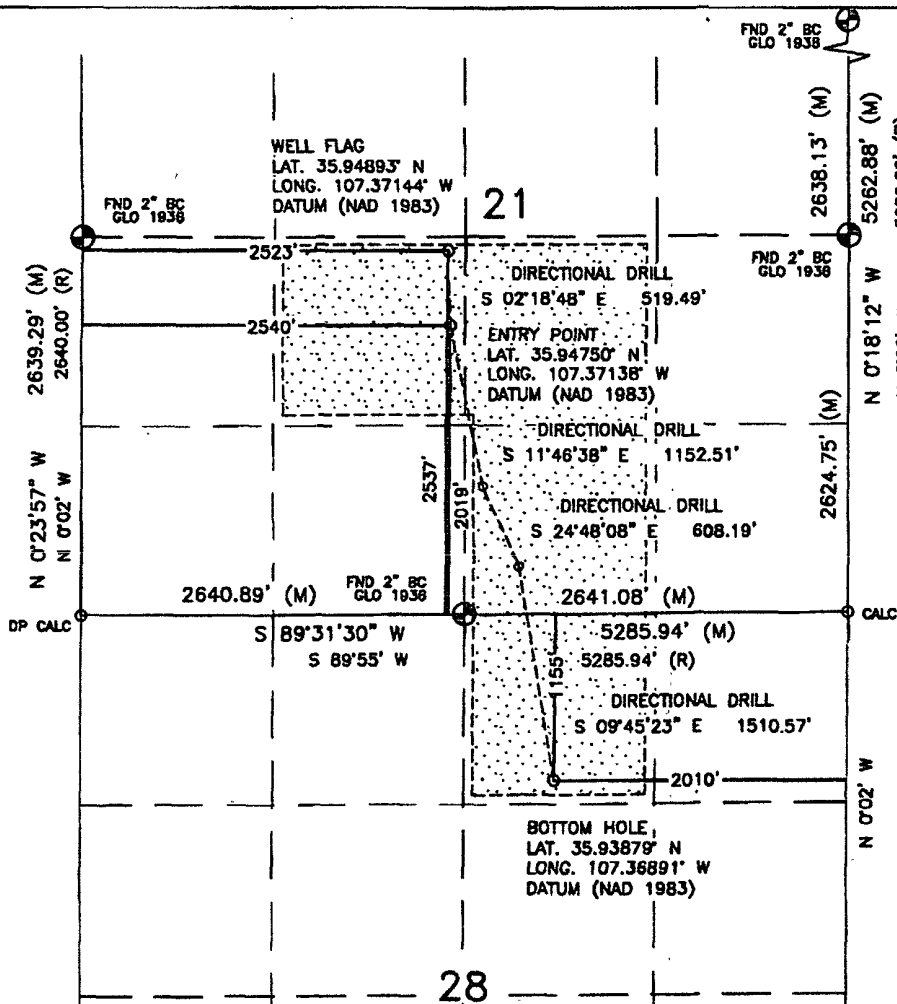
11 Bottom Hole Location If Different From Surface

UL or lot no. B	Section 28	Township 20N	Range 5W	Lot Idn	Feet from the 1155'	North/South line NORTH	Feet from the 2010'	East/West line EAST	County McKINLEY
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Dedicated Acres 160.00 ACRES	Joint or Infill	Consolidation Code	Order No. NSP 6079 NSL 6079
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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



17 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 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 or a compulsory pooling order heretofore entered by the division.

Signature: *Arthur W. Butler* Date: 9/9/09

Arthur W. Butler-Manager

Printed Name

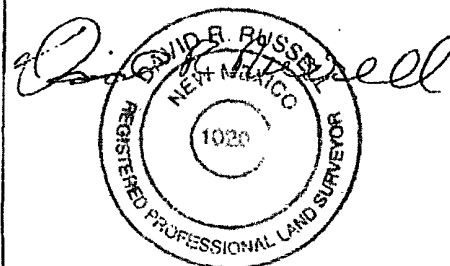
18 SURVEYOR CERTIFICATION

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.

JUNE 26, 2009

Date of Survey

Signature and Seal of Professional Surveyor:



DAVID RUSSELL

Certificate Number

10201

RCVD SEP 29 '09
OIL CONS. DIV.
DIST. 3

High Plains Operating Co, LLC

McKinley County
Ojo Encino 21 Fed
#1H
OH

Plan: Plan #3 ✓

Pathfinder X & Y Planning Report

03 September, 2009

PATHFINDER

Pathfinder Energy Services
Pathfinder X & Y Planning Report



Company:	High Plains Operating Co. LLC	Local Co-ordinate Reference:	Well #1H
Project:	McKinley County	TVD Reference:	WELL @ 6804.00ft (Original Well Elev)
Site:	Ojo Encino 21 Fed	MD Reference:	WELL @ 6804.00ft (Original Well Elev)
Well:	#1H	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan #3	Database:	Midland Database

Project:	McKinley County		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Central Zone		

Site:	Ojo Encino 21 Fed
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Site Position:		Northing:	1,802,582.012 ft	Latitude:	35° 56' 56.148 N
From:	Lat/Long	Easting:	1,308,494.016 ft	Longitude:	107° 22' 17.184 W
Position Uncertainty:	0.00 ft	Slot Radius:	"	Grid Convergence:	-0.66 °

Well	#1H					
Well Position	+N/-S	0.00 ft	Northing:	1,802,582.012 ft	Latitude:	35° 56' 56.148 N
	+E/-W	0.00 ft	Easting:	1,308,494.016 ft	Longitude:	107° 22' 17.184 W
Position Uncertainty	0.00 ft	Wellhead Elevation:	ft	Ground Level:	6,792.00 ft	

Wellbore:	OH
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Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	09/03/2009	9.83	62.91	50,534

Design:	Plan #3
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Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(ft)	(ft)	(ft)	(°)
	0.00	0.00	0.00	168.54

Survey Tool Program		Date 09/03/2009		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
0.00	9,465.99	Plan #3 (OH)		

Pathfinder Energy Services
Pathfinder X & Y Planning Report



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Project:	McKinley County	TVD Reference:	WELL @ 6804.00ft (Original Well Elev)
Site:	Ojo Encino 21 Fed	MD Reference:	WELL @ 6804.00ft (Original Well Elev)
Well:	#1H	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan #3	Database:	Midland Database

Planned Survey											
MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Northing (ft)	Easting (ft)	
0.00	0.00	0.00	0.00	-6,804.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
100.00	0.00	0.00	100.00	-6,704.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
200.00	0.00	0.00	200.00	-6,604.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
300.00	0.00	0.00	300.00	-6,504.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
400.00	0.00	0.00	400.00	-6,404.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
500.00	0.00	0.00	500.00	-6,304.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
600.00	0.00	0.00	600.00	-6,204.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
700.00	0.00	0.00	700.00	-6,104.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
800.00	0.00	0.00	800.00	-6,004.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
900.00	0.00	0.00	900.00	-5,904.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
1,000.00	0.00	0.00	1,000.00	-5,804.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
1,100.00	0.00	0.00	1,100.00	-5,704.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
1,200.00	0.00	0.00	1,200.00	-5,604.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
1,300.00	0.00	0.00	1,300.00	-5,504.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
1,400.00	0.00	0.00	1,400.00	-5,404.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
1,500.00	0.00	0.00	1,500.00	-5,304.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
1,600.00	0.00	0.00	1,600.00	-5,204.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
1,700.00	0.00	0.00	1,700.00	-5,104.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
1,800.00	0.00	0.00	1,800.00	-5,004.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
1,900.00	0.00	0.00	1,900.00	-4,904.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
2,000.00	0.00	0.00	2,000.00	-4,804.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
2,100.00	0.00	0.00	2,100.00	-4,704.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
2,200.00	0.00	0.00	2,200.00	-4,604.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
2,300.00	0.00	0.00	2,300.00	-4,504.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
2,400.00	0.00	0.00	2,400.00	-4,404.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
2,500.00	0.00	0.00	2,500.00	-4,304.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
2,600.00	0.00	0.00	2,600.00	-4,204.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	

Pathfinder Energy Services
Pathfinder X & Y Planning Report



Company:	High Plains Operating Co; LLC	Local Co-ordinate Reference:	Well #1 H.
Project:	McKinley County	TVD Reference:	WELL @ 6804.00ft (Original Well Elev)
Site:	Ojo Encino:21 Fed	MD Reference:	WELL @ 6804.00ft (Original Well Elev)
Well:	#1H	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan #3	Database:	Midland Database

Planned Survey											
MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Northing (ft)	Easting (ft)	
2,700.00	0.00	0.00	2,700.00	-4,104.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
2,800.00	0.00	0.00	2,800.00	-4,004.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
2,900.00	0.00	0.00	2,900.00	-3,904.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
3,000.00	0.00	0.00	3,000.00	-3,804.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
3,100.00	0.00	0.00	3,100.00	-3,704.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
3,200.00	0.00	0.00	3,200.00	-3,604.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
3,300.00	0.00	0.00	3,300.00	-3,504.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
3,400.00	0.00	0.00	3,400.00	-3,404.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
3,500.00	0.00	0.00	3,500.00	-3,304.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
3,600.00	0.00	0.00	3,600.00	-3,204.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
3,700.00	0.00	0.00	3,700.00	-3,104.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
3,800.00	0.00	0.00	3,800.00	-3,004.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
3,900.00	0.00	0.00	3,900.00	-2,904.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
4,000.00	0.00	0.00	4,000.00	-2,804.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
4,100.00	0.00	0.00	4,100.00	-2,704.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
4,200.00	0.00	0.00	4,200.00	-2,604.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
4,300.00	0.00	0.00	4,300.00	-2,504.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
4,400.00	0.00	0.00	4,400.00	-2,404.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
4,500.00	0.00	0.00	4,500.00	-2,304.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
4,600.00	0.00	0.00	4,600.00	-2,204.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
4,700.00	0.00	0.00	4,700.00	-2,104.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
4,800.00	0.00	0.00	4,800.00	-2,004.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
4,825.00	0.00	0.00	4,825.00	-1,979.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
Graneros											
4,900.00	0.00	0.00	4,900.00	-1,904.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
4,930.00	0.00	0.00	4,930.00	-1,874.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
Dakota											

Pathfinder Energy Services
Pathfinder X & Y Planning Report



Company:	High Plains Operating Co, LLC	Local Co-ordinate Reference:	Well #1H
Project:	McKinley County	TVD Reference:	WELL @ 6804.00ft (Original Well Elev)
Site:	Ojo Encino 21 Fed	MD Reference:	WELL @ 6804.00ft (Original Well Elev)
Well:	#1H	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan #3	Database:	Midland Database

Planned Survey											
MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Northing (ft)	Easting (ft)	
5,000.00	0.00	0.00	5,000.00	-1,804.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
5,049.00	0.00	0.00	5,049.00	-1,755.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
Morrison											
5,100.00	0.00	0.00	5,100.00	-1,704.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
5,200.00	0.00	0.00	5,200.00	-1,604.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
5,300.00	0.00	0.00	5,300.00	-1,504.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
5,323.00	0.00	0.00	5,323.00	-1,481.00	0.00	0.00	0.00	0.00	1,802,582.01	1,308,494.02	
5,350.00	2.72	178.10	5,349.99	-1,454.01	-0.64	0.02	0.63	10.07	1,802,581.37	1,308,494.03	
5,400.00	7.75	178.10	5,399.77	-1,404.23	-5.20	0.17	5.13	10.07	1,802,576.81	1,308,494.13	
5,450.00	12.78	178.10	5,448.95	-1,355.05	-14.10	0.47	13.91	10.07	1,802,567.90	1,308,494.32	
5,500.00	17.82	178.10	5,497.16	-1,306.84	-27.29	0.91	26.92	10.07	1,802,554.72	1,308,494.61	
5,550.00	22.85	178.10	5,544.03	-1,259.97	-44.65	1.48	44.05	10.07	1,802,537.35	1,308,494.98	
5,600.00	27.88	178.10	5,589.19	-1,214.81	-66.05	2.19	65.17	10.07	1,802,515.94	1,308,495.45	
5,650.00	32.92	178.10	5,632.31	-1,171.69	-91.33	3.03	90.11	10.07	1,802,490.65	1,308,496.00	
5,700.00	37.95	178.10	5,673.03	-1,130.97	-120.29	3.99	118.69	10.07	1,802,461.68	1,308,496.62	
5,750.00	42.98	178.10	5,711.06	-1,092.94	-152.72	5.07	150.68	10.07	1,802,429.25	1,308,497.33	
5,800.00	48.02	178.10	5,746.09	-1,057.91	-188.35	6.25	185.83	10.07	1,802,393.61	1,308,498.10	
5,850.00	53.05	178.10	5,777.86	-1,026.14	-226.91	7.53	223.88	10.07	1,802,355.03	1,308,498.93	
5,900.00	58.08	178.10	5,806.12	-997.88	-268.12	8.89	264.54	10.07	1,802,313.81	1,308,499.83	
5,950.00	63.12	178.10	5,830.66	-973.34	-311.64	10.34	307.48	10.07	1,802,270.27	1,308,500.77	
6,000.00	68.15	178.10	5,851.28	-952.72	-357.15	11.85	352.38	10.07	1,802,224.75	1,308,501.76	
6,013.05	69.47	178.10	5,856.00	-948.00	-369.31	12.25	364.38	10.07	1,802,212.58	1,308,502.02	
Summerville SH											
6,050.00	73.18	178.10	5,867.83	-936.17	-404.29	13.41	398.89	10.07	1,802,177.60	1,308,502.78	
6,100.00	78.22	178.10	5,880.17	-923.83	-452.70	15.02	446.65	10.07	1,802,129.17	1,308,503.83	
6,133.19	81.56	178.10	5,886.00	-918.00	-485.35	16.10	478.87	10.07	1,802,096.51	1,308,504.54	
Todilto											

Pathfinder Energy Services
Pathfinder X & Y Planning Report



Company:	High Plains Operating Co. LLC	Local Co-ordinate Reference:	Well #1H
Project:	McKinley County	TVD Reference:	WELL @ 6804.00ft (Original Well Elev)
Site:	Ojo Encino 21 Fed	MD Reference:	WELL @ 6804.00ft (Original Well Elev)
Well:	#1H	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan #3	Database:	Midland Database

Planned Survey											
MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (%/100ft)	Northing (ft)	Easting (ft)	
6,150.00	83.25	178.10	5,888.22	-915.78	-502.00	16.65	495.30	10.07	1,802,079.85	1,308,504.90	
6,167.37	85.00	178.10	5,890.00	-914.00	-519.27	17.23	512.34	10.07	1,802,062.58	1,308,505.27	
Casing PT - Casing PT(#1H)											
6,200.00	85.00	178.10	5,892.84	-911.16	-551.76	18.30	544.39	0.00	1,802,030.08	1,308,505.98	
6,211.37	85.00	178.10	5,893.83	-910.17	-563.08	18.68	555.56	0.00	1,802,018.76	1,308,506.22	
6,250.00	88.89	178.10	5,895.89	-908.11	-601.62	19.96	593.59	10.06	1,801,980.20	1,308,507.06	
6,251.58	89.05	178.10	5,895.92	-908.08	-603.20	20.01	595.15	10.06	1,801,978.62	1,308,507.09	
TGT1(#1H)											
6,259.96	89.89	178.10	5,896.00	-908.00	-611.58	20.29	603.41	10.06	1,801,970.24	1,308,507.27	
Entrada-Oil											
6,300.00	89.89	177.30	5,896.08	-907.92	-651.59	21.90	642.94	2.00	1,801,930.22	1,308,508.42	
6,400.00	89.89	175.30	5,896.27	-907.73	-751.37	28.35	742.02	2.00	1,801,830.36	1,308,513.73	
6,500.00	89.89	173.30	5,896.46	-907.54	-850.87	38.28	841.51	2.00	1,801,730.76	1,308,522.52	
6,600.00	89.89	171.30	5,896.65	-907.35	-949.97	51.68	941.29	2.00	1,801,631.52	1,308,534.78	
6,700.00	89.89	169.30	5,896.84	-907.16	-1,048.53	68.53	1,041.23	2.00	1,801,532.76	1,308,550.49	
6,800.00	89.89	167.30	5,897.03	-906.97	-1,146.45	88.81	1,141.23	2.00	1,801,434.62	1,308,569.64	
6,900.00	89.89	165.30	5,897.22	-906.78	-1,243.60	112.49	1,241.15	2.00	1,801,337.20	1,308,592.21	
7,000.00	89.89	163.30	5,897.40	-906.60	-1,339.86	139.55	1,340.87	2.00	1,801,240.64	1,308,618.16	
7,100.00	89.90	161.30	5,897.59	-906.41	-1,435.12	169.96	1,440.27	2.00	1,801,145.03	1,308,647.47	
7,169.27	89.90	159.91	5,897.71	-906.29	-1,500.46	192.96	1,508.87	2.00	1,801,079.44	1,308,669.72	
7,200.00	89.90	159.91	5,897.77	-906.23	-1,529.32	203.51	1,539.26	0.00	1,801,050.45	1,308,679.94	
7,300.00	89.90	159.91	5,897.95	-906.05	-1,623.24	237.85	1,638.13	0.00	1,800,956.15	1,308,713.20	
7,327.17	89.90	159.91	5,898.00	-906.00	-1,648.75	247.19	1,664.99	0.00	1,800,930.53	1,308,722.24	
TGT2(#1H)											
7,400.00	89.94	158.09	5,898.11	-905.89	-1,716.75	273.28	1,736.81	2.50	1,800,862.24	1,308,747.55	
7,500.00	90.00	155.59	5,898.16	-905.84	-1,808.68	312.60	1,834.73	2.50	1,800,769.86	1,308,785.81	
7,543.37	90.02	154.51	5,898.15	-905.85	-1,848.00	330.89	1,876.90	2.50	1,800,730.33	1,308,803.65	
7,600.00	90.02	154.51	5,898.13	-905.87	-1,899.12	355.26	1,931.84	0.00	1,800,678.93	1,308,827.43	

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Planned Survey											
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7,700.00	90.02	154.51	5,898.09	-905.91	-1,989.39	398.30	2,028.86	0.00	1,800,588.18	1,308,869.43	
7,800.00	90.02	154.51	5,898.05	-905.95	-2,079.66	441.33	2,125.88	0.00	1,800,497.42	1,308,911.42	
7,900.00	90.02	154.51	5,898.01	-905.99	-2,169.92	484.37	2,222.90	0.00	1,800,406.67	1,308,953.41	
7,935.65	90.02	154.51	5,898.00	-906.00	-2,202.10	499.71	2,257.48	0.00	1,800,374.32	1,308,968.38	
TGT4(#1H)											
8,000.00	89.99	155.86	5,897.99	-906.01	-2,260.51	526.72	2,320.10	2.10	1,800,315.60	1,308,994.72	
8,100.00	89.95	157.96	5,898.04	-905.96	-2,352.49	565.93	2,418.04	2.10	1,800,223.17	1,309,032.88	
8,200.00	89.91	160.05	5,898.16	-905.84	-2,445.85	601.76	2,516.65	2.10	1,800,129.41	1,309,067.63	
8,300.00	89.87	162.15	5,898.36	-905.64	-2,540.45	634.15	2,615.81	2.10	1,800,034.44	1,309,098.93	
8,400.00	89.82	164.25	5,898.63	-905.37	-2,636.18	663.05	2,715.37	2.10	1,799,938.39	1,309,126.73	
8,500.00	89.78	166.34	5,898.97	-905.03	-2,732.90	688.43	2,815.20	2.10	1,799,841.38	1,309,151.00	
8,600.00	89.74	168.44	5,899.40	-904.60	-2,830.48	710.26	2,915.17	2.10	1,799,743.56	1,309,171.70	
8,700.00	89.70	170.54	5,899.89	-904.11	-2,928.79	728.50	3,015.15	2.10	1,799,645.04	1,309,188.81	
8,800.00	89.65	172.63	5,900.46	-903.54	-3,027.71	743.13	3,115.00	2.10	1,799,545.96	1,309,202.31	
8,900.00	89.61	174.73	5,901.09	-902.91	-3,127.10	754.14	3,214.59	2.10	1,799,446.46	1,309,212.17	
9,000.00	89.57	176.83	5,901.80	-902.20	-3,226.82	761.50	3,313.79	2.10	1,799,346.66	1,309,218.38	
9,100.00	89.53	178.92	5,902.58	-901.42	-3,326.74	765.20	3,412.45	2.10	1,799,246.70	1,309,220.93	
9,200.00	89.49	181.02	5,903.43	-900.57	-3,426.73	765.25	3,510.46	2.10	1,799,146.71	1,309,219.83	
9,300.00	89.46	183.12	5,904.35	-899.65	-3,526.65	761.64	3,607.67	2.10	1,799,046.84	1,309,215.07	
9,387.03	89.42	184.94	5,905.20	-898.80	-3,613.46	755.52	3,691.53	2.10	1,798,960.11	1,309,207.96	
9,400.00	89.42	184.94	5,905.33	-898.67	-3,626.38	754.40	3,703.97	0.00	1,798,947.20	1,309,206.69	
9,465.99	89.42	184.94	5,906.00	-898.00	-3,692.12	748.71	3,767.27	0.00	1,798,881.53	1,309,200.25	
PBHL(#1H)											