

Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

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

WELL API NO.
30-025-49937
5. Indicate Type of Lease
STATE [ ] FEE [x]
6. State Oil & Gas Lease No.
N/A
7. Lease Name or Unit Agreement Name
WAGONEER
8. Well Number
1H
9. OGRID Number
329337
10. Pool name or Wildcat
CLR; SAN ANDRES
11. Elevation (Show whether DR, RKB, RT, GR, etc.)
4323' GL

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)
1. Type of Well: Oil Well [x] Gas Well [ ] Other [ ]
2. Name of Operator
INVITO OPERATING, LLC (972) 581-9433
3. Address of Operator
6401 ELDORADO PARKWAY, SUITE 92, MCKINNEY TX 75070
4. Well Location
Unit Letter: P 745 feet from the SOUTH line and 660 feet from the EAST line
Section 1 Township 9 S Range 33 E NMPM LEA County

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:
PERFORM REMEDIAL WORK [ ] PLUG AND ABANDON [ ]
TEMPORARILY ABANDON [ ] CHANGE PLANS [x]
PULL OR ALTER CASING [ ] MULTIPLE COMPL [ ]
DOWNHOLE COMMINGLE [ ]
CLOSED-LOOP SYSTEM [ ]
OTHER: [ ]
SUBSEQUENT REPORT OF:
REMEDIAL WORK [ ] ALTERING CASING [ ]
COMMENCE DRILLING OPNS. [ ] P AND A [ ]
CASING/CEMENT JOB [ ]
OTHER: [ ]

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Well was spudded on 3-31-22 as a 5320' deep vertical well. Forty feet conductor pipe set and cemented. RDMO Change plans from vertical to horizontal well (TVD = 4664' & MD = 10,190'). Will drill 12.25" surf hole to 2200' with fresh-water spud mud. Set 9.625", 36#, J-55. Cement to GL with 690 sx. Will drill 8.75" prod. hole to 10,190' with brine to 4850' & brine-polymer to 10,190'. Set 7.00", 23#, L-80, from GL to 4850' and 5.5", 17#, L-80 from 4850' to 10,190'. Cement to GL with 1582 sx. Will use double ram BOPE with >=3,000 psi working pressure. Will test to 5,000 psi.

Request to change well number to 001H

Spud Date: [ ]

Rig Release Date: [ ]

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE [Signature]

TITLE CONSULTANT

DATE 6-17-22

Type or print name BRIAN WOOD
For State Use Only

E-mail address: brian@permitswest.com

PHONE: 505 466-8120

APPROVED BY: TITLE DATE

Conditions of Approval (if any):

1625 N. French Dr., Hobbs, NM 88240
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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Revised August 1, 2011
Submit one copy to appropriate
District Office

AMENDED REPORT

change from
vertical to HZ

WELL LOCATION AND ACREAGE DEDICATION PLAT

Table with 3 columns: 1 API Number (30-025-49937), 2 Pool Code (12450), 3 Pool Name (CLR; San Andres), 4 Property Code (332719), 5 Property Name (Wagoneer), 6 Well Number (1H), 7 OGRID No. (329337), 8 Operator Name (Invito Operating, LLC), 9 Elevation (4323.5')

10 Surface Location

Table with 10 columns: UL or lot no. (P), Section (1), Township (9-S), Range (33-E), Lot Idn, Feet from the (745'), North/South line (South), Feet from the (660'), East/West line (East), County (Lea)

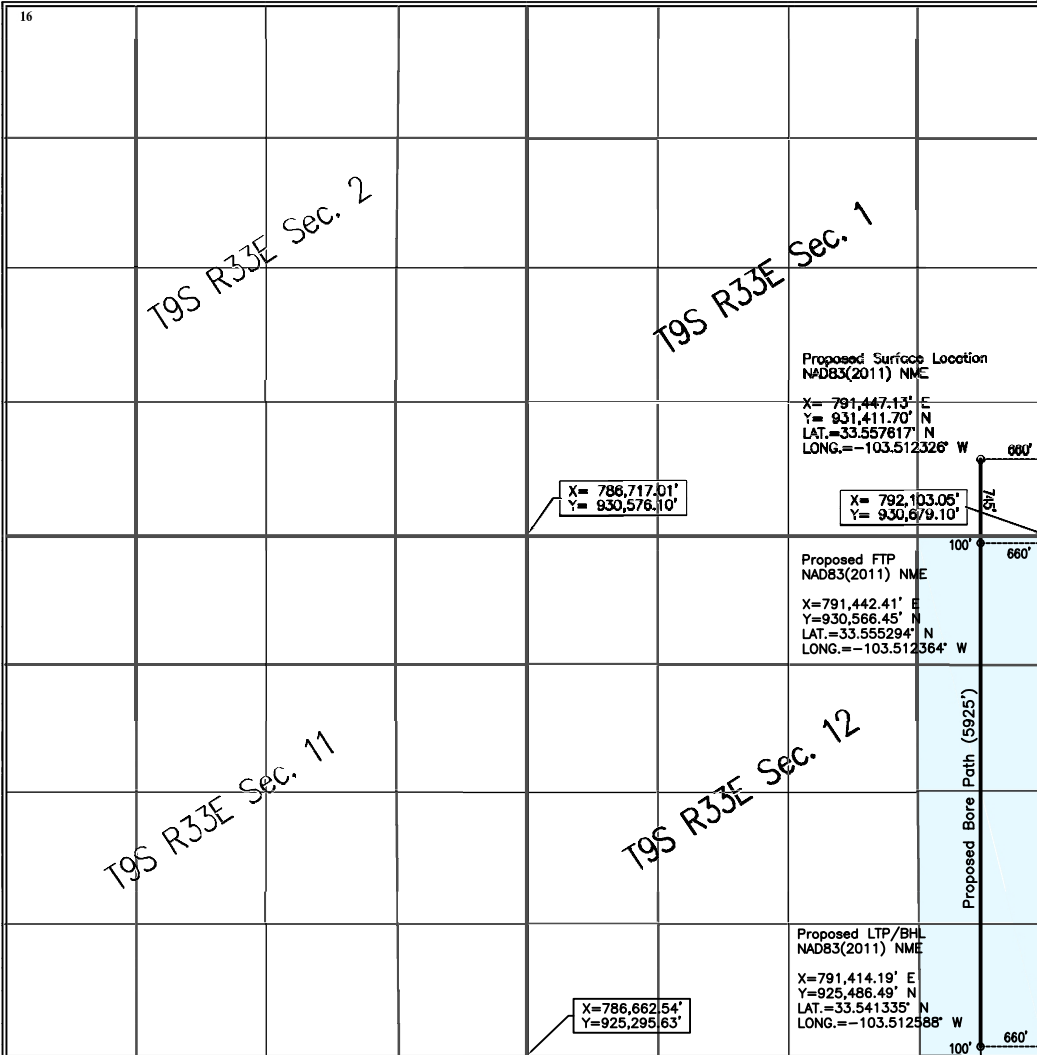
11 Bottom Hole Location If Different From Surface

Table with 10 columns: UL or lot no. (P), Section (12), Township (9-S), Range (33-E), Lot Idn, Feet from the (100'), North/South line (South), Feet from the (660'), East/West line (East), County (Lea)

Table with 4 columns: 12 Dedicated Acres (160.0), 13 Joint or Infill, 14 Consolidation Code, 15 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.

X= 792,132.39'
Y= 935,959.09'



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 of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: [Handwritten Signature] Date: 6/6/22

Jared Christianson

Printed Name

jchristianson@invitoep.com

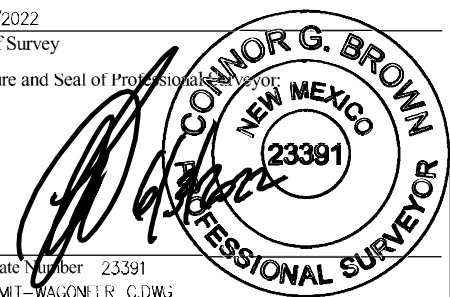
E-mail Address

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.

6/3/2022
Date of Survey

Signature and Seal of Professional Surveyor



Certificate Number 23391
NM PERMIT-WAGONEER\_C.DWG

X=792,073.71'
Y=925,399.11'

# **INVITO OPERATING, LLC**

**Lea County, NM**

**Wagoneer 1H**

**1H**

**Wellbore #1**

**Plan: Prelim 1**

## **Standard Planning Report**

**19 May, 2022**



Planning Report



<b>Database:</b>	EDM Multi	<b>Local Co-ordinate Reference:</b>	Well 1H
<b>Company:</b>	INVITO OPERATING, LLC	<b>TVD Reference:</b>	4323.5+16 @ 4339.50usft (Invito)
<b>Project:</b>	Lea County, NM	<b>MD Reference:</b>	4323.5+16 @ 4339.50usft (Invito)
<b>Site:</b>	Wagoneer 1H	<b>North Reference:</b>	Grid
<b>Well:</b>	1H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Prelim 1		

<b>Project</b>	Lea County, NM		
<b>Map System:</b>	US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	North American Datum 1983		
<b>Map Zone:</b>	New Mexico Eastern Zone		

<b>Site</b>	Wagoneer 1H				
<b>Site Position:</b>		<b>Northing:</b>	931,411.70 usft	<b>Latitude:</b>	33.557617
<b>From:</b>	Map	<b>Easting:</b>	791,447.13 usft	<b>Longitude:</b>	-103.512327
<b>Position Uncertainty:</b>	0.00 usft	<b>Slot Radius:</b>	13.200 in	<b>Grid Convergence:</b>	0.45 °

<b>Well</b>	1H					
<b>Well Position</b>	<b>+N/-S</b>	0.00 usft	<b>Northing:</b>	931,411.70 usft	<b>Latitude:</b>	33.557617
	<b>+E/-W</b>	0.00 usft	<b>Easting:</b>	791,447.13 usft	<b>Longitude:</b>	-103.512327
<b>Position Uncertainty</b>		0.00 usft	<b>Wellhead Elevation:</b>		<b>Ground Level:</b>	4,323.50 usft

<b>Wellbore</b>	Wellbore #1				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF200510	12/31/2009	7.82	61.48	49,593

<b>Design</b>	Prelim 1			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PLAN	<b>Tie On Depth:</b>	0.00
<b>Vertical Section:</b>	<b>Depth From (TVD) (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Direction (°)</b>
	0.00	0.00	0.00	180.32

<b>Plan Survey Tool Program</b>	<b>Date</b>	5/19/2022		
<b>Depth From (usft)</b>	<b>Depth To (usft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Remarks</b>
1	0.00	10,190.45	Prelim 1 (Wellbore #1)	MWD+HRGM OWSG Rev5 OWSG MWD + HRGM

<b>Plan Sections</b>											
<b>Measured Depth (usft)</b>	<b>Inclination (°)</b>	<b>Azimuth (°)</b>	<b>Vertical Depth (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Dogleg Rate (°/100ft)</b>	<b>Build Rate (°/100ft)</b>	<b>Turn Rate (°/100ft)</b>	<b>TFO (°)</b>	<b>Target</b>	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
3,828.27	0.00	0.00	3,828.27	0.00	0.00	0.00	0.00	0.00	0.00		
4,578.27	60.00	180.32	4,448.51	-358.09	-1.99	8.00	8.00	0.00	180.32		
4,812.73	60.00	180.32	4,565.74	-561.14	-3.12	0.00	0.00	0.00	0.00		
5,110.36	89.76	180.32	4,642.50	-845.24	-4.70	10.00	10.00	0.00	0.00		
10,190.45	89.76	180.32	4,663.50	-5,925.21	-32.94	0.00	0.00	0.00	0.00	Wagoneer 1H PBHI	

Planning Report



<b>Database:</b>	EDM Multi	<b>Local Co-ordinate Reference:</b>	Well 1H
<b>Company:</b>	INVITO OPERATING, LLC	<b>TVD Reference:</b>	4323.5+16 @ 4339.50usft (Invito)
<b>Project:</b>	Lea County, NM	<b>MD Reference:</b>	4323.5+16 @ 4339.50usft (Invito)
<b>Site:</b>	Wagoner 1H	<b>North Reference:</b>	Grid
<b>Well:</b>	1H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Prelim 1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00
2,600.00	0.00	0.00	2,600.00	0.00	0.00	0.00	0.00	0.00	0.00
2,700.00	0.00	0.00	2,700.00	0.00	0.00	0.00	0.00	0.00	0.00
2,800.00	0.00	0.00	2,800.00	0.00	0.00	0.00	0.00	0.00	0.00
2,900.00	0.00	0.00	2,900.00	0.00	0.00	0.00	0.00	0.00	0.00
3,000.00	0.00	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00
3,100.00	0.00	0.00	3,100.00	0.00	0.00	0.00	0.00	0.00	0.00
3,200.00	0.00	0.00	3,200.00	0.00	0.00	0.00	0.00	0.00	0.00
3,300.00	0.00	0.00	3,300.00	0.00	0.00	0.00	0.00	0.00	0.00
3,400.00	0.00	0.00	3,400.00	0.00	0.00	0.00	0.00	0.00	0.00
3,500.00	0.00	0.00	3,500.00	0.00	0.00	0.00	0.00	0.00	0.00
3,600.00	0.00	0.00	3,600.00	0.00	0.00	0.00	0.00	0.00	0.00
3,700.00	0.00	0.00	3,700.00	0.00	0.00	0.00	0.00	0.00	0.00
3,800.00	0.00	0.00	3,800.00	0.00	0.00	0.00	0.00	0.00	0.00
3,828.27	0.00	0.00	3,828.27	0.00	0.00	0.00	0.00	0.00	0.00
3,850.00	1.74	180.32	3,850.00	-0.33	0.00	0.33	8.00	8.00	0.00
3,900.00	5.74	180.32	3,899.88	-3.59	-0.02	3.59	8.00	8.00	0.00
3,950.00	9.74	180.32	3,949.41	-10.32	-0.06	10.32	8.00	8.00	0.00
4,000.00	13.74	180.32	3,998.36	-20.49	-0.11	20.49	8.00	8.00	0.00
4,050.00	17.74	180.32	4,046.47	-34.05	-0.19	34.05	8.00	8.00	0.00
4,100.00	21.74	180.32	4,093.53	-50.93	-0.28	50.93	8.00	8.00	0.00
4,150.00	25.74	180.32	4,139.29	-71.06	-0.39	71.06	8.00	8.00	0.00
4,200.00	29.74	180.32	4,183.53	-94.32	-0.52	94.32	8.00	8.00	0.00
4,250.00	33.74	180.32	4,226.05	-120.62	-0.67	120.62	8.00	8.00	0.00
4,300.00	37.74	180.32	4,266.62	-149.82	-0.83	149.82	8.00	8.00	0.00
4,350.00	41.74	180.32	4,305.06	-181.77	-1.01	181.78	8.00	8.00	0.00
4,400.00	45.74	180.32	4,341.18	-216.33	-1.20	216.34	8.00	8.00	0.00
4,450.00	49.74	180.32	4,374.80	-253.33	-1.41	253.33	8.00	8.00	0.00
4,500.00	53.74	180.32	4,405.76	-292.58	-1.63	292.59	8.00	8.00	0.00

Planning Report



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<b>Well:</b>	1H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Prelim 1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,550.00	57.74	180.32	4,433.90	-333.90	-1.86	333.90	8.00	8.00	0.00
4,578.27	60.00	180.32	4,448.51	-358.09	-1.99	358.10	8.00	8.00	0.00
4,600.00	60.00	180.32	4,459.38	-376.91	-2.10	376.92	0.00	0.00	0.00
4,700.00	60.00	180.32	4,509.38	-463.51	-2.58	463.52	0.00	0.00	0.00
4,800.00	60.00	180.32	4,559.38	-550.11	-3.06	550.12	0.00	0.00	0.00
4,812.73	60.00	180.32	4,565.74	-561.14	-3.12	561.15	0.00	0.00	0.00
4,850.00	63.73	180.32	4,583.32	-594.00	-3.30	594.01	10.00	10.00	0.00
4,900.00	68.73	180.32	4,603.47	-639.74	-3.56	639.75	10.00	10.00	0.00
4,950.00	73.73	180.32	4,619.55	-687.06	-3.82	687.08	10.00	10.00	0.00
5,000.00	78.73	180.32	4,631.45	-735.61	-4.09	735.62	10.00	10.00	0.00
5,050.00	83.73	180.32	4,639.08	-785.01	-4.36	785.02	10.00	10.00	0.00
5,100.00	88.73	180.32	4,642.36	-834.88	-4.64	834.90	10.00	10.00	0.00
5,110.36	89.76	180.32	4,642.50	-845.24	-4.70	845.26	10.00	10.00	0.00
5,200.00	89.76	180.32	4,642.87	-934.88	-5.20	934.90	0.00	0.00	0.00
5,300.00	89.76	180.32	4,643.28	-1,034.88	-5.75	1,034.90	0.00	0.00	0.00
5,400.00	89.76	180.32	4,643.70	-1,134.88	-6.31	1,134.89	0.00	0.00	0.00
5,500.00	89.76	180.32	4,644.11	-1,234.87	-6.86	1,234.89	0.00	0.00	0.00
5,600.00	89.76	180.32	4,644.52	-1,334.87	-7.42	1,334.89	0.00	0.00	0.00
5,700.00	89.76	180.32	4,644.94	-1,434.87	-7.98	1,434.89	0.00	0.00	0.00
5,800.00	89.76	180.32	4,645.35	-1,534.87	-8.53	1,534.89	0.00	0.00	0.00
5,900.00	89.76	180.32	4,645.76	-1,634.86	-9.09	1,634.89	0.00	0.00	0.00
6,000.00	89.76	180.32	4,646.18	-1,734.86	-9.64	1,734.89	0.00	0.00	0.00
6,100.00	89.76	180.32	4,646.59	-1,834.86	-10.20	1,834.89	0.00	0.00	0.00
6,200.00	89.76	180.32	4,647.00	-1,934.86	-10.76	1,934.89	0.00	0.00	0.00
6,300.00	89.76	180.32	4,647.42	-2,034.86	-11.31	2,034.89	0.00	0.00	0.00
6,400.00	89.76	180.32	4,647.83	-2,134.85	-11.87	2,134.89	0.00	0.00	0.00
6,500.00	89.76	180.32	4,648.24	-2,234.85	-12.42	2,234.88	0.00	0.00	0.00
6,600.00	89.76	180.32	4,648.66	-2,334.85	-12.98	2,334.88	0.00	0.00	0.00
6,700.00	89.76	180.32	4,649.07	-2,434.85	-13.54	2,434.88	0.00	0.00	0.00
6,800.00	89.76	180.32	4,649.49	-2,534.84	-14.09	2,534.88	0.00	0.00	0.00
6,900.00	89.76	180.32	4,649.90	-2,634.84	-14.65	2,634.88	0.00	0.00	0.00
7,000.00	89.76	180.32	4,650.31	-2,734.84	-15.20	2,734.88	0.00	0.00	0.00
7,100.00	89.76	180.32	4,650.73	-2,834.84	-15.76	2,834.88	0.00	0.00	0.00
7,200.00	89.76	180.32	4,651.14	-2,934.83	-16.32	2,934.88	0.00	0.00	0.00
7,300.00	89.76	180.32	4,651.55	-3,034.83	-16.87	3,034.88	0.00	0.00	0.00
7,400.00	89.76	180.32	4,651.97	-3,134.83	-17.43	3,134.88	0.00	0.00	0.00
7,500.00	89.76	180.32	4,652.38	-3,234.83	-17.98	3,234.88	0.00	0.00	0.00
7,600.00	89.76	180.32	4,652.79	-3,334.82	-18.54	3,334.88	0.00	0.00	0.00
7,700.00	89.76	180.32	4,653.21	-3,434.82	-19.10	3,434.87	0.00	0.00	0.00
7,800.00	89.76	180.32	4,653.62	-3,534.82	-19.65	3,534.87	0.00	0.00	0.00
7,900.00	89.76	180.32	4,654.03	-3,634.82	-20.21	3,634.87	0.00	0.00	0.00
8,000.00	89.76	180.32	4,654.45	-3,734.81	-20.76	3,734.87	0.00	0.00	0.00
8,100.00	89.76	180.32	4,654.86	-3,834.81	-21.32	3,834.87	0.00	0.00	0.00
8,200.00	89.76	180.32	4,655.27	-3,934.81	-21.87	3,934.87	0.00	0.00	0.00
8,300.00	89.76	180.32	4,655.69	-4,034.81	-22.43	4,034.87	0.00	0.00	0.00
8,400.00	89.76	180.32	4,656.10	-4,134.80	-22.99	4,134.87	0.00	0.00	0.00
8,500.00	89.76	180.32	4,656.51	-4,234.80	-23.54	4,234.87	0.00	0.00	0.00
8,600.00	89.76	180.32	4,656.93	-4,334.80	-24.10	4,334.87	0.00	0.00	0.00
8,700.00	89.76	180.32	4,657.34	-4,434.80	-24.65	4,434.87	0.00	0.00	0.00
8,800.00	89.76	180.32	4,657.75	-4,534.80	-25.21	4,534.87	0.00	0.00	0.00
8,900.00	89.76	180.32	4,658.17	-4,634.79	-25.77	4,634.86	0.00	0.00	0.00
9,000.00	89.76	180.32	4,658.58	-4,734.79	-26.32	4,734.86	0.00	0.00	0.00
9,100.00	89.76	180.32	4,658.99	-4,834.79	-26.88	4,834.86	0.00	0.00	0.00
9,200.00	89.76	180.32	4,659.41	-4,934.79	-27.43	4,934.86	0.00	0.00	0.00

Planning Report



<b>Database:</b>	EDM Multi	<b>Local Co-ordinate Reference:</b>	Well 1H
<b>Company:</b>	INVITO OPERATING, LLC	<b>TVD Reference:</b>	4323.5+16 @ 4339.50usft (Invito)
<b>Project:</b>	Lea County, NM	<b>MD Reference:</b>	4323.5+16 @ 4339.50usft (Invito)
<b>Site:</b>	Wagoneer 1H	<b>North Reference:</b>	Grid
<b>Well:</b>	1H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Prelim 1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
9,300.00	89.76	180.32	4,659.82	-5,034.78	-27.99	5,034.86	0.00	0.00	0.00
9,400.00	89.76	180.32	4,660.23	-5,134.78	-28.55	5,134.86	0.00	0.00	0.00
9,500.00	89.76	180.32	4,660.65	-5,234.78	-29.10	5,234.86	0.00	0.00	0.00
9,600.00	89.76	180.32	4,661.06	-5,334.78	-29.66	5,334.86	0.00	0.00	0.00
9,700.00	89.76	180.32	4,661.47	-5,434.77	-30.21	5,434.86	0.00	0.00	0.00
9,800.00	89.76	180.32	4,661.89	-5,534.77	-30.77	5,534.86	0.00	0.00	0.00
9,900.00	89.76	180.32	4,662.30	-5,634.77	-31.33	5,634.86	0.00	0.00	0.00
10,000.00	89.76	180.32	4,662.71	-5,734.77	-31.88	5,734.86	0.00	0.00	0.00
10,100.00	89.76	180.32	4,663.13	-5,834.76	-32.44	5,834.85	0.00	0.00	0.00
10,190.45	89.76	180.32	4,663.50	-5,925.21	-32.94	5,925.30	0.00	0.00	0.00

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
Wagoneer 1H SHL - hit/miss target - Shape - Point	0.00	0.00	0.00	0.00	0.00	931,411.70	791,447.13	33.557617	-103.512327
Wagoneer 1H LP / FT - plan misses target center by 0.02usft at 5110.37usft MD (4642.50 TVD, -845.25 N, -4.70 E) - Point	0.00	0.00	4,642.50	-845.25	-4.72	930,566.45	791,442.41	33.555294	-103.512364
Wagoneer 1H PBHL - plan hits target center - Point	0.00	0.00	4,663.50	-5,925.21	-32.94	925,486.49	791,414.19	33.541335	-103.512589

**District I**  
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 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**

CONDITIONS

Action 123694

**CONDITIONS**

Operator: Invito Operating, LLC 6401 Eldorado Parkway Mckinney, TX 75070	OGRID: 329337
	Action Number: 123694
	Action Type: [C-103] NOI Change of Plans (C-103A)

**CONDITIONS**

Created By	Condition	Condition Date
pkautz	None	7/8/2022