

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

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

WELL API NO. 30-015-27592
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B-2071-28
7. Lease Name or Unit Agreement Name Mewbourne WDW-1
8. Well Number: WDW-1
9. OGRID Number: 15694
10. Pool name or Wildcat PENN 96918

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  Gas Well  Other - UIC Injection Well

2. Name of Operator  
HF SINCLAIR NAVAJO REFINERY LLC

3. Address of Operator  
P.O. Box 159, Artesia, NM 88210

4. Well Location  
Unit Letter O 660 feet from the South line and 2,310 feet from the EAST line  
Section 31 Township 17S Range 28E NMPM County: Eddy

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3,678' GL

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

NOTICE OF INTENTION TO:

- PERFORM REMEDIAL WORK
- TEMPORARILY ABANDON
- PULL OR ALTER CASING
- DOWNHOLE COMMINGLE
- CLOSED-LOOP SYSTEM
- OTHER: Directional Survey
- PLUG AND ABANDON
- CHANGE PLANS
- MULTIPLE COMPL

SUBSEQUENT REPORT OF:

- REMEDIAL WORK
- COMMENCE DRILLING OPNS.
- CASING/CEMENT JOB
- ALTERING CASING
- P AND A
- OTHER: Directional Survey

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.

- HF Sinclair conducted a directional survey in WDW-1 on 3/14/2024 via wireline.
- The survey was successfully conducted without removing the tubing, packer or any wellhead valves. The annulus seal was not disturbed during the operation.
- **NOTE:** Directional survey results attached.

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  TITLE Environmental Manager DATE 4-10-24

Type or print name Case Hinkins E-mail address: Case.Hinkins@hfsinclair.com PHONE: 575-746-5399  
**For State Use Only**

APPROVED BY:  TITLE Environmental Engineer DATE 4/15/2024  
Conditions of Approval (if any):



**SUMMIT**  
 DIRECTIONAL SOLUTIONS  
 A SUMMIT OILFIELD SERVICES COMPANY

Company: PETROTEK  
 Lease/Well: WDW #1  
 State/County: EDDY COUNTY, NEW MEXICO  
 API#: 30-015-27592

Survey Type: NSG  
 North Reference: GRID  
 Rig Name: PRODUCTION  
 RKB: 2.5'  
 Grid: G=T-0.07

Date: 3/14/2024  
 Job Number: 24309028  
 Survey Engineer: T. SKOGEN  
 Instrument Number: GR1-11A5

**SUMMIT DIRECTIONAL SOLUTIONS, INC.**

WDW #1 SURVEY

*Minimum Curvature Method*  
*Vertical Section Plane: 0.00*  
*Vertical Section Reference: WELLHEAD*  
*Rectangular Coordinates Reference: WELLHEAD*

Measured Depth	Inclin	Azimuth	True Vertical Depth	Vertical Section	N[+]/S[-]	E[+]/W[-]	Dogleg Severity	Closure Distance	Closure Direction	Comment
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00/100 ft	0.00	0.00	Tie In Station
100.00	0.67	184.28	100.00	-0.58	-0.58	-0.04	0.67/100 ft	0.58	184.28	
200.00	1.00	192.86	199.99	-2.01	-2.01	-0.28	0.36/100 ft	2.03	187.96	
300.00	0.81	200.64	299.97	-3.53	-3.53	-0.73	0.23/100 ft	3.60	191.62	
400.00	0.93	199.59	399.96	-4.95	-4.95	-1.25	0.12/100 ft	5.11	194.13	
500.00	0.89	144.36	499.95	-6.35	-6.35	-1.07	0.84/100 ft	6.44	189.53	
600.00	0.56	132.47	599.94	-7.31	-7.31	-0.25	0.36/100 ft	7.31	181.99	
700.00	1.17	162.97	699.93	-8.62	-8.62	0.41	0.74/100 ft	8.63	177.31	
800.00	0.76	153.93	799.92	-10.19	-10.19	1.00	0.43/100 ft	10.24	174.41	
900.00	0.80	141.54	899.91	-11.34	-11.34	1.73	0.17/100 ft	11.47	171.34	
1000.00	0.82	139.50	999.90	-12.44	-12.44	2.63	0.04/100 ft	12.71	168.05	
1100.00	1.41	122.93	1099.88	-13.65	-13.65	4.13	0.66/100 ft	14.27	163.16	
1200.00	1.19	109.52	1199.85	-14.67	-14.67	6.15	0.37/100 ft	15.91	157.26	
1300.00	1.37	124.96	1299.83	-15.71	-15.71	8.11	0.39/100 ft	17.68	152.68	
1400.00	1.67	113.79	1399.79	-16.98	-16.98	10.43	0.42/100 ft	19.93	148.44	

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	<b>SUMMIT</b> DIRECTIONAL SOLUTIONS A SUMMIT OILFIELD SERVICES COMPANY	Company: PETROTEK Lease/Well: WDW #1 State/County: EDDY COUNTY, NEW MEXICO API#: 30-015-27592	Survey Type: NSG North Reference: GRID Rig Name: PRODUCTION RKB: 2.5' Grid: G=T-0.07	Date: 3/14/2024 Job Number: 24309028 Survey Engineer: T. SKOGEN Instrument Number: GR1-11A5
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Measured Depth	Inclin	Azimuth	True Vertical Depth	Vertical Section	N[+]/S[-]	E[+]/W[-]	Dogleg Severity	Closure Distance	Closure Direction	Comment
1500.00	1.18	135.10	1499.76	-18.30	-18.30	12.49	0.71/100 ft	22.16	145.68	
1600.00	1.42	119.99	1599.74	-19.65	-19.65	14.29	0.41/100 ft	24.30	143.97	
1700.00	1.30	112.52	1699.71	-20.71	-20.71	16.41	0.21/100 ft	26.42	141.59	
1800.00	1.08	101.96	1799.69	-21.34	-21.34	18.39	0.31/100 ft	28.17	139.24	
1900.00	0.40	219.94	1899.68	-21.80	-21.80	19.09	1.32/100 ft	28.98	138.80	
2000.00	0.38	264.44	1999.68	-22.10	-22.10	18.53	0.30/100 ft	28.84	140.03	
2100.00	0.33	190.04	2099.68	-22.42	-22.42	18.15	0.43/100 ft	28.84	141.01	
2200.00	0.38	236.32	2199.68	-22.88	-22.88	17.82	0.28/100 ft	29.00	142.09	
2300.00	0.21	148.90	2299.68	-23.22	-23.22	17.64	0.43/100 ft	29.16	142.78	
2400.00	0.62	239.10	2399.67	-23.66	-23.66	17.28	0.65/100 ft	29.29	143.86	
2500.00	1.25	4.12	2499.67	-22.84	-22.84	16.89	1.68/100 ft	28.41	143.51	
2600.00	1.91	329.33	2599.63	-20.32	-20.32	16.12	1.13/100 ft	25.94	141.57	
2700.00	1.23	336.23	2699.59	-17.90	-17.90	14.84	0.70/100 ft	23.25	140.34	
2800.00	0.98	320.08	2799.57	-16.26	-16.26	13.86	0.40/100 ft	21.36	139.56	
2900.00	0.74	327.70	2899.56	-15.06	-15.06	12.96	0.26/100 ft	19.87	139.28	
3000.00	0.85	283.44	2999.55	-14.34	-14.34	11.89	0.61/100 ft	18.63	140.33	
3100.00	0.30	8.98	3099.55	-13.91	-13.91	11.21	0.88/100 ft	17.86	141.13	
3200.00	0.79	252.95	3199.55	-13.85	-13.85	10.59	0.96/100 ft	17.44	142.60	
3300.00	0.80	280.59	3299.54	-13.93	-13.93	9.25	0.38/100 ft	16.72	146.42	
3400.00	0.61	257.79	3399.53	-13.91	-13.91	8.04	0.33/100 ft	16.07	149.97	
3500.00	0.15	259.03	3499.53	-14.05	-14.05	7.40	0.46/100 ft	15.88	152.23	
3600.00	0.36	257.29	3599.53	-14.14	-14.14	6.97	0.21/100 ft	15.76	153.77	
3700.00	0.99	292.54	3699.52	-13.88	-13.88	5.86	0.73/100 ft	15.06	157.09	

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**SUMMIT**  
 DIRECTIONAL SOLUTIONS  
 A SUMMIT OILFIELD SERVICES COMPANY

Company: PETROTEK  
 Lease/Well: WDW #1  
 State/County: EDDY COUNTY, NEW MEXICO  
 API#: 30-015-27592

Survey Type: NSG  
 North Reference: GRID  
 Rig Name: PRODUCTION  
 RKB: 2.5'  
 Grid: G=T-0.07

Date: 3/14/2024  
 Job Number: 24309028  
 Survey Engineer: T. SKOGEN  
 Instrument Number: GR1-11A5

Measured Depth	Inclin	Azimuth	True Vertical Depth	Vertical Section	N[+]/S[-]	E[+]/W[-]	Dogleg Severity	Closure Distance	Closure Direction	Comment
3800.00	1.15	268.01	3799.50	-13.58	-13.58	4.06	0.48/100 ft	14.17	163.36	
3900.00	1.84	282.42	3899.47	-13.27	-13.27	1.48	0.78/100 ft	13.35	173.62	
4000.00	0.78	311.02	3999.44	-12.47	-12.47	-0.60	1.21/100 ft	12.49	182.77	
4100.00	0.64	30.06	4099.43	-11.54	-11.54	-0.84	0.92/100 ft	11.57	184.15	
4200.00	1.75	347.93	4199.41	-9.56	-9.56	-0.87	1.34/100 ft	9.60	185.23	
4300.00	1.31	354.28	4299.38	-6.93	-6.93	-1.31	0.47/100 ft	7.05	190.68	
4400.00	1.35	12.97	4399.35	-4.65	-4.65	-1.16	0.43/100 ft	4.79	193.98	
4500.00	1.55	349.91	4499.32	-2.17	-2.17	-1.13	0.61/100 ft	2.44	207.51	
4600.00	1.89	353.53	4599.27	0.80	0.80	-1.55	0.36/100 ft	1.75	297.34	
4700.00	1.77	10.33	4699.22	3.96	3.96	-1.46	0.55/100 ft	4.22	339.74	
4800.00	1.93	17.07	4799.17	7.08	7.08	-0.69	0.27/100 ft	7.11	354.42	
4900.00	2.93	359.15	4899.08	11.24	11.24	-0.24	1.25/100 ft	11.25	358.80	
5000.00	3.27	344.04	4998.94	16.54	16.54	-1.06	0.88/100 ft	16.57	356.34	
5100.00	3.57	355.26	5098.76	22.39	22.39	-2.10	0.74/100 ft	22.48	354.65	
5200.00	3.66	351.31	5198.56	28.65	28.65	-2.84	0.26/100 ft	28.79	354.34	
5300.00	3.76	346.56	5298.35	34.99	34.99	-4.08	0.33/100 ft	35.23	353.35	
5400.00	3.79	354.82	5398.14	41.48	41.48	-5.14	0.54/100 ft	41.80	352.93	
5500.00	3.39	355.21	5497.94	47.72	47.72	-5.69	0.41/100 ft	48.06	353.20	
5600.00	2.99	356.71	5597.78	53.27	53.27	-6.08	0.40/100 ft	53.62	353.48	
5700.00	2.80	349.84	5697.66	58.28	58.28	-6.67	0.40/100 ft	58.66	353.48	
5800.00	3.42	342.49	5797.51	63.52	63.52	-7.99	0.73/100 ft	64.03	352.83	
5900.00	2.99	336.54	5897.35	68.76	68.76	-9.93	0.54/100 ft	69.47	351.79	
6000.00	3.60	335.25	5997.19	74.00	74.00	-12.28	0.62/100 ft	75.01	350.58	

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Date: 3/14/2024  
 Job Number: 24309028  
 Survey Engineer: T. SKOGEN  
 Instrument Number: GR1-11A5

Measured Depth	Inclin	Azimuth	True Vertical Depth	Vertical Section	N[+]/S[-]	E[+]/W[-]	Dogleg Severity	Closure Distance	Closure Direction	Comment
6100.00	3.48	330.86	6097.00	79.50	79.50	-15.07	0.30/100 ft	80.92	349.27	
6200.00	2.84	339.54	6196.84	84.48	84.48	-17.42	0.80/100 ft	86.25	348.35	
6300.00	3.48	341.67	6296.69	89.68	89.68	-19.24	0.65/100 ft	91.72	347.89	
6400.00	2.99	325.14	6396.53	94.71	94.71	-21.68	1.05/100 ft	97.16	347.10	
6500.00	2.95	325.55	6496.40	98.97	98.97	-24.63	0.04/100 ft	101.99	346.02	
6600.00	2.55	342.92	6596.29	103.22	103.22	-26.74	0.92/100 ft	106.63	345.47	
6700.00	2.68	347.60	6696.18	107.64	107.64	-27.90	0.25/100 ft	111.19	345.47	
6800.00	3.15	344.74	6796.05	112.57	112.57	-29.13	0.49/100 ft	116.28	345.49	
6900.00	2.88	342.45	6895.91	117.62	117.62	-30.61	0.30/100 ft	121.54	345.41	
7000.00	2.68	330.45	6995.80	122.05	122.05	-32.52	0.62/100 ft	126.31	345.08	
7100.00	2.15	323.62	7095.71	125.60	125.60	-34.79	0.60/100 ft	130.32	344.52	
7200.00	2.85	309.49	7195.61	128.69	128.69	-37.82	0.93/100 ft	134.13	343.62	
7300.00	1.62	321.86	7295.53	131.39	131.39	-40.61	1.32/100 ft	137.52	342.82	
7400.00	1.49	303.52	7395.50	133.21	133.21	-42.57	0.51/100 ft	139.85	342.28	
7500.00	1.86	333.66	7495.46	135.39	135.39	-44.37	0.94/100 ft	142.47	341.85	
7600.00	1.56	315.63	7595.41	137.82	137.82	-46.04	0.61/100 ft	145.30	341.53	
7700.00	0.44	311.98	7695.40	139.05	139.05	-47.28	1.12/100 ft	146.87	341.22	
7800.00	1.57	350.43	7795.38	140.66	140.66	-47.80	1.25/100 ft	148.56	341.23	
7830.30	1.51	353.17	7825.67	141.47	141.47	-47.92	0.32/100 ft	149.36	341.29	

**District I**  
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 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**

COMMENTS

Action 332115

**COMMENTS**

Operator: HF Sinclair Navajo Refining LLC ATTN: GENERAL COUNSEL Dallas, TX 75201	OGRID: 15694
	Action Number: 332115
	Action Type: [C-103] Sub. General Sundry (C-103Z)

**COMMENTS**

Created By	Comment	Comment Date
cchavez	UICI-8-1 (WDW-1): Directional Well Survey	4/15/2024

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 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 332115

**CONDITIONS**

Operator: HF Sinclair Navajo Refining LLC ATTN: GENERAL COUNSEL Dallas, TX 75201	OGRID: 15694
	Action Number: 332115
	Action Type: [C-103] Sub. General Sundry (C-103Z)

**CONDITIONS**

Created By	Condition	Condition Date
cchavez	None	4/15/2024