

Well Name: MIDDLE MESA SWD

Well Location: T32N / R7W / SEC 25 /
NESW / 36.94806 / -107.52242

County or Parish/State: SAN
JUAN / NM

Well Number: 1 SWD

Type of Well: INJECTION - ENHANCED
RECOVERY

Allottee or Tribe Name:

Lease Number: NMNM2996

Unit or CA Name:

Unit or CA Number:

US Well Number: 3004527004

Operator: HILCORP ENERGY
COMPANY

Notice of Intent

Sundry ID: 2883792

Type of Submission: Notice of Intent

Type of Action: Workover Operations

Date Sundry Submitted: 11/21/2025

Time Sundry Submitted: 01:10

Date proposed operation will begin: 11/24/2025

Procedure Description: Hilcorp Energy request permission to cleanout and repair the tubing on the subject well per the attached procedure and wellbore diagram.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Middle_Mesa_SWD_1_Tubing_repair_NOI_2025_20251121131041.pdf

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Unit or CA Number:

US Well Number: 3004527004

Operator: HILCORP ENERGY
COMPANY

Operator

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: TAMMY JONES

Signed on: NOV 21, 2025 01:10 PM

Name: HILCORP ENERGY COMPANY

Title: Regulatory Compliance Specialist

Street Address: 382 ROAD 3100

City: AZTEC

State: NM

Phone: (505) 324-5185

Email address: TAJONES@HILCORP.COM

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: KENNETH G RENNICK

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647742

BLM POC Email Address: krennick@blm.gov

Disposition: Approved

Disposition Date: 11/21/2025

Signature: Kenneth Rennick



HILCORP ENERGY COMPANY
Middle Mesa 1 SWD
Tubing Repair & Cleanout NOI

| | |
|---------------|------------|
| API #: | 3004527004 |
|---------------|------------|

| JOB PROCEDURES | |
|-----------------------|--|
| 1. | Notify BLM / NMOCD at least 24 hours prior to conducting operations and again prior to conducting the MIT after the repair is complete |
| 2. | Record current wellhead pressures. |
| 3. | Nipple down wellhead, NU BOPE, & Test. |
| 4. | Load tubing with brine. Static check. RU slickline. Punch holes in tubing at 8000' & circulate |
| 5. | Release On/Off tool on top of packer |
| 6. | Pull tubing |
| 7. | Mill & retrieve packer |
| 8. | Run mill and scraper to PBTB. Circulate debris and clean perms. Evaluate returns for chemical treatment. |
| 9. | Run new packer and set. Latch in with tubing. |
| 10. | Pressure test the casing/packer. Run a formal MIT with the BLM/NMOCD |
| 11. | Return the well to injection |



HILCORP ENERGY COMPANY Middle Mesa 1 SWD Tubing Repair & Cleanout NOI

Middle Mesa 1 SWD - CURRENT WELLBORE SCHEMATIC

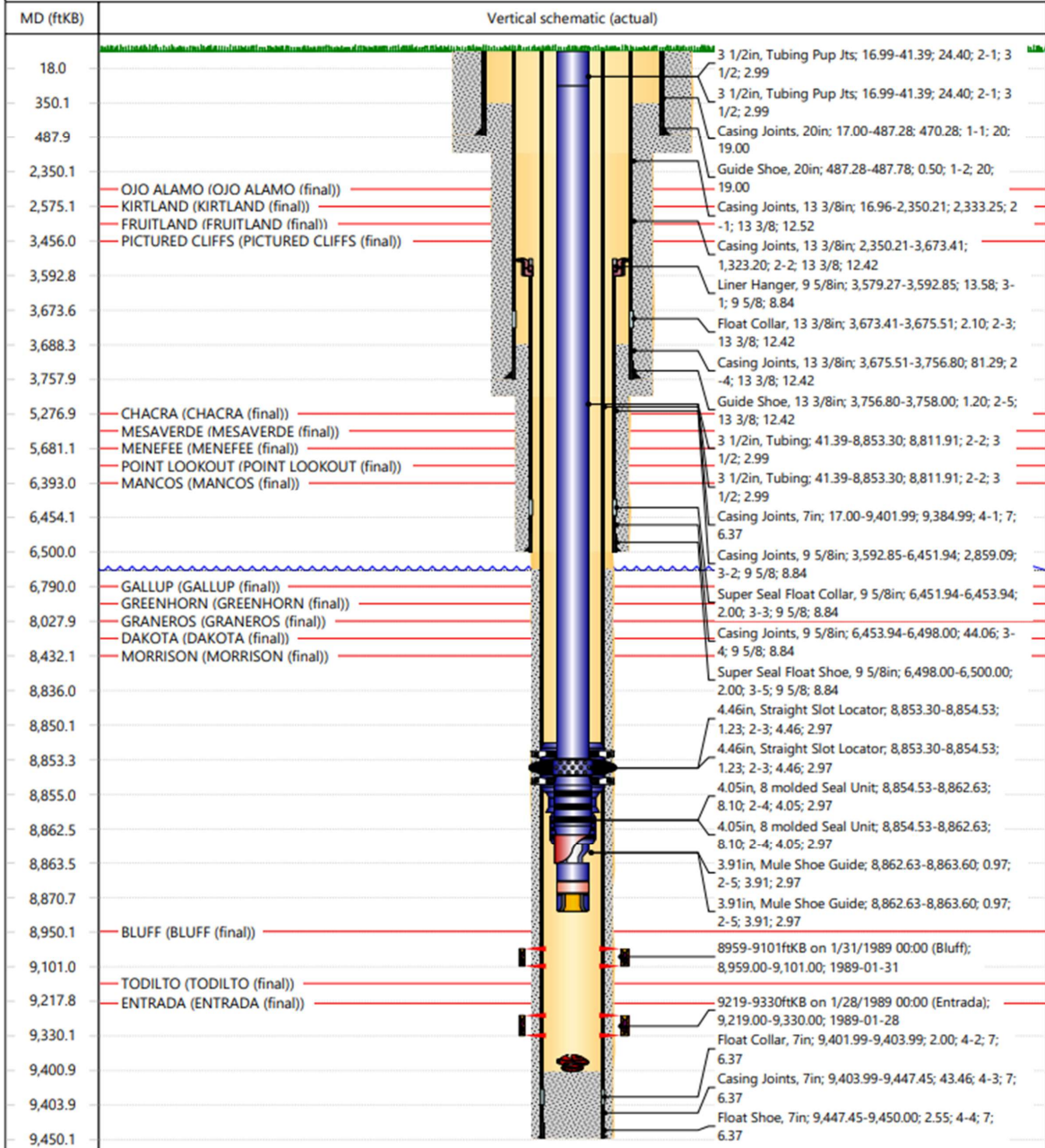


Current Schematic - Version 1

Well Name: MIDDLE MESA #1 SWD

| | | | | | |
|-----------------------------------|---|--------------------------------------|-------------------------|--------------------------------|--------------------------------|
| API / UWI 3004527004 | Surface Legal Location 025-032N-007W-L | Field Name MORRISON BLUFF ENTRADA | Route 0507 | State/Province NEW MEXICO | Well Configuration Type |
| Ground Elevation (ft) 6,642.00 | Original KB/RT Elevation (ft) 6,659.00 | Tubing Hanger Elevation (ft) | RKB to GL (ft) 17.00 | KB-Casing Flange Distance (ft) | KB-Tubing Hanger Distance (ft) |

Original Hole, MIDDLE MESA SWD 1



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HILCORP ENERGY COMPANY
Middle Mesa 1 SWD
Tubing Repair & Cleanout NOI

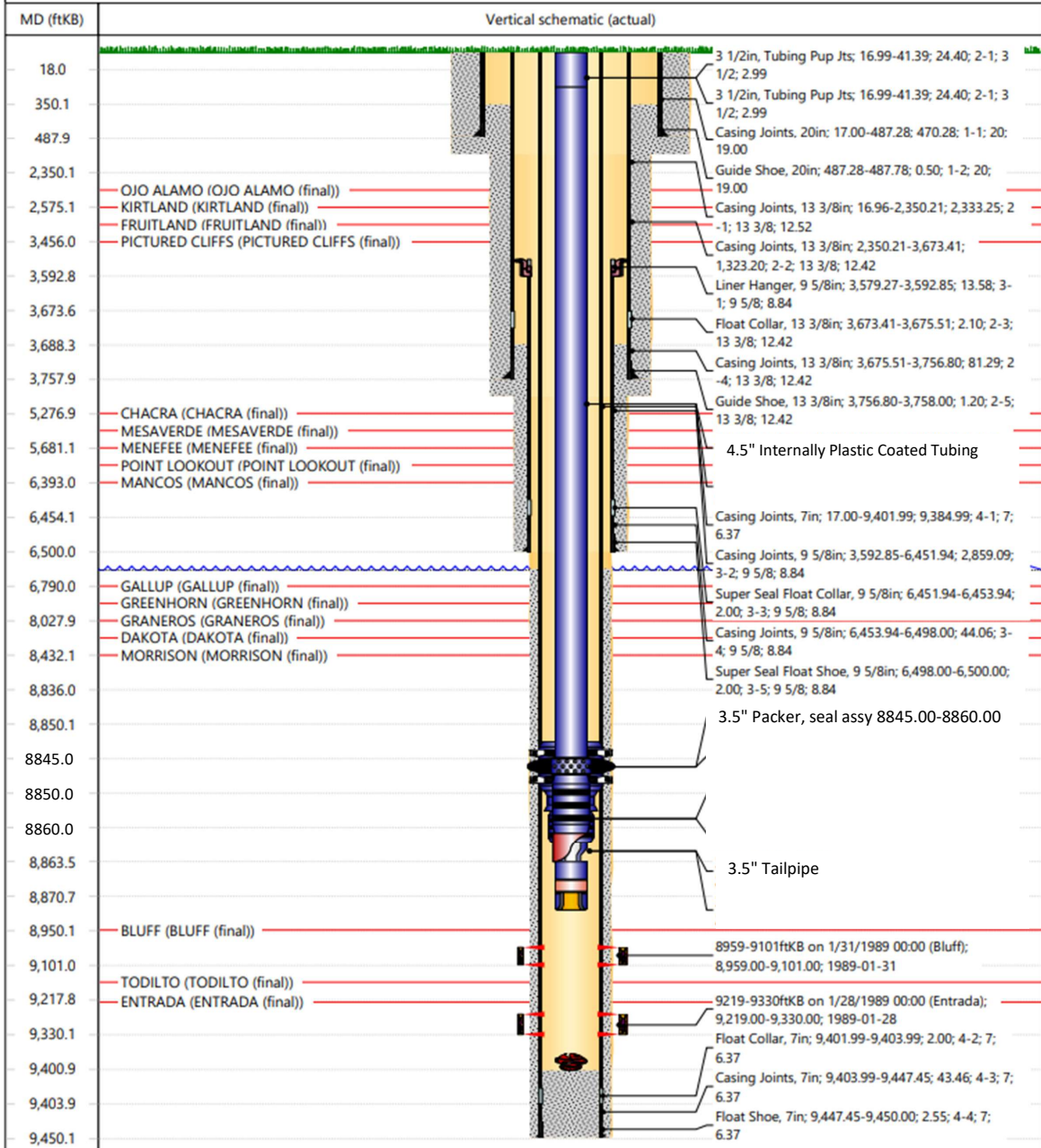
Middle Mesa 1 SWD - Proposed Wellbore



Well Name: **MIDDLE MESA #1 SWD**

| | | | | | |
|-----------------------------------|---|--------------------------------------|-------------------------|--------------------------------|--------------------------------|
| API / UWI 3004527004 | Surface Legal Location 025-032N-007W-L | Field Name MORRISON BLUFF ENTRADA | Route 0507 | State/Province NEW MEXICO | Well Configuration Type |
| Ground Elevation (ft) 6,642.00 | Original KB/RT Elevation (ft) 6,659.00 | Tubing Hanger Elevation (ft) | RKB to GL (ft) 17.00 | KB-Casing Flange Distance (ft) | KB-Tubing Hanger Distance (ft) |

Original Hole, MIDDLE MESA SWD 1



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HILCORP ENERGY COMPANY
Middle Mesa 1 SWD
Tubing Repair & Cleanout NOI

Middle Mesa 1 SWD - PERTINENT DATA SHEET



Pertinent Data Sheet

Well Name: MIDDLE MESA #1 SWD

| | | | | | |
|-----------------------------------|---|--------------------------------------|-------------------------|--------------------------------|--------------------------------|
| API / UWI 3004527004 | Surface Legal Location 025-032N-007W-L | Field Name MORRISON BLUFF ENTRADA | Route 0507 | State/Province NEW MEXICO | Well Configuration Type |
| Ground Elevation (ft) 6,642.00 | Original KB/RT Elevation (ft) 6,659.00 | Tubing Hanger Elevation (ft) | RKB to GL (ft) 17.00 | KB-Casing Flange Distance (ft) | KB-Tubing Hanger Distance (ft) |

Well Header

| | | |
|----------------------------------|---------------------------|------------------------------|
| Original Spud Date 11/30/1988 | Latitude (°) 36.948060 | Longitude (°) -107.522420 |
|----------------------------------|---------------------------|------------------------------|

Well Notes

| | | |
|--------------------------|---|-------------------------|
| Start Date 12/24/1988 | Annotation Top of Liner @ 3597.27 (17' KB) | Depth (ftKB) 3,597.3 |
|--------------------------|---|-------------------------|

Wellbore Sections

| Section Des | Size (in) | Top Depth (ftKB) | Top Depth (TVD) (ftKB) | Btm Depth (ftKB) | Btm Depth (TVD) (ftKB) |
|-------------|-----------|------------------|------------------------|------------------|------------------------|
| SURFAC | 26 | 17.0 | | 490.0 | |
| INTRM1 | 17 1/2 | 490.0 | | 3,765.0 | |
| INTRM2 | 12 1/4 | 3,765.0 | | 6,500.0 | |
| PROD1 | 8 3/4 | 6,500.0 | | 9,450.0 | |

PBDTs

| | |
|--------------|-----|
| Depth (ftKB) | Com |
| 9,401.0 | |

Formations

| Formation Name | Final Top MD (ftKB) |
|-----------------|---------------------|
| OJO ALAMO | 2472 |
| KIRTLAND | 2575 |
| FRUITLAND | 3107 |
| PICTURED CLIFFS | 3456 |
| CHACRA | 5277 |
| MESAVERDE | 5627 |
| MENEFEE | 5681 |
| POINT LOOKOUT | 5886 |
| MANCOS | 6393 |
| GALLUP | 6790 |
| GREENHORN | 7981 |
| GRANEROS | 8028 |
| DAKOTA | 8156 |
| MORRISON | 8432 |
| BLUFF | 8950 |
| TODILTO | 9197 |
| ENTRADA | 9218 |

Casing Strings

| Item Des | OD Nominal (in) | Nominal ID (in) | Wt (lb/ft) | Grade | Jts | Section Length (ft) | Top Thread | Btm Thread | Top (ftKB) | Btm (ftKB) |
|-------------------------------------|-----------------|------------------------|------------------------------|-------|---------|---------------------|------------|------------|------------|------------|
| Casing Description Surface | | Run Date 12/3/1988 | Set Depth (ftKB) 487.78 | | Comment | | | | | |
| Casing | 20 | 19.00 | 106.50 | K-55 | 12 | 470.28 | | | 17.00 | 487.28 |
| Guide Shoe | 20 | 19.00 | 106.50 | k-55 | 1 | 0.50 | | | 487.28 | 487.78 |
| Casing Description Intermediate1 | | Run Date 12/18/1988 | Set Depth (ftKB) 3,758.00 | | Comment | | | | | |
| Casing | 13 3/8 | 12.51 | 61.00 | K-55 | 54 | 2,333.25 | | | 16.96 | 2,350.21 |
| Casing | 13 3/8 | 12.41 | 68.00 | K-55 | 33 | 1,323.20 | | | 2,350.21 | 3,673.41 |
| Float Collar | 13 3/8 | 12.41 | 68.00 | K-55 | 1 | 2.10 | | | 3,673.41 | 3,675.51 |
| Casing | 13 3/8 | 12.41 | 68.00 | K-55 | 2 | 81.29 | | | 3,675.51 | 3,756.80 |
| Guide Shoe | 13 3/8 | 12.41 | 68.00 | K-55 | 1 | 1.20 | | | 3,756.80 | 3,758.00 |
| Casing Description Intermediate2 | | Run Date 12/24/1988 | Set Depth (ftKB) 6,500.00 | | Comment | | | | | |
| Liner Hanger | 9 5/8 | 8.83 | 40.00 | N-80 | 1 | 13.58 | | | 3,579.27 | 3,592.85 |
| Casing | 9 5/8 | 8.83 | 40.00 | N-80 | 65 | 2,859.09 | | | 3,592.85 | 6,451.94 |
| Super Seal | 9 5/8 | 8.83 | 40.00 | N-80 | 1 | 2.00 | | | 6,451.94 | 6,453.94 |
| Casing | 9 5/8 | 8.83 | 40.00 | N-80 | 1 | 44.06 | | | 6,453.94 | 6,498.00 |
| Super Seal | 9 5/8 | 8.83 | 40.00 | N-80 | 1 | 2.00 | | | 6,498.00 | 6,500.00 |

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HILCORP ENERGY COMPANY
Middle Mesa 1 SWD
Tubing Repair & Cleanout NOI

Middle Mesa 1 SWD - PERTINENT DATA SHEET

| Hilcorp Energy Company | | Pertinent Data Sheet | | | | | | | | |
|---|---|--|--|---|---|---------------------|-----------------------|---------------------|------------|------------|
| Well Name: MIDDLE MESA #1 SWD | | | | | | | | | | |
| API / UWI 3004527004 | Surface Legal Location 025-032N-007W-L | Field Name MORRISON BLUFF ENTRADA | Route 0507 | State/Province NEW MEXICO | Well Configuration Type | | | | | |
| Ground Elevation (ft) 6,642.00 | Original KB/RT Elevation (ft) 6,659.00 | Tubing Hanger Elevation (ft) | RKB to GL (ft) 17.00 | KB-Casing Flange Distance (ft) | KB-Tubing Hanger Distance (ft) | | | | | |
| Casing Strings | | | | | | | | | | |
| Casing Description Production 1 | Run Date 1/15/1989 | Set Depth (ftKB) 9,450.00 | Comment | | | | | | | |
| Item Des | OD Nominal (in) | Nominal ID (in) | Wt (lb/ft) | Grade | Jts | Section Length (ft) | Top Thread | Btm Thread | Top (ftKB) | Btm (ftKB) |
| Casing Joints | 7 | 6.37 | 23.00 | N-80 | 224 | 9,384.99 | | | 17.00 | 9,401.99 |
| Float Collar | 7 | 6.37 | 23.00 | N-80 | 1 | 2.00 | | | 9,401.99 | 9,403.99 |
| Casing Joints | 7 | 6.37 | 23.00 | N-80 | 1 | 43.46 | | | 9,403.99 | 9,447.45 |
| Float Shoe | 7 | 6.37 | 23.00 | N-80 | 1 | 2.55 | | | 9,447.45 | 9,450.00 |
| Cement | | | | | | | | | | |
| Des | Start Date | End Date | Com | | | | | | | |
| Surface Casing Cement | 12/3/1988 | 12/3/1988 | Cemented w/700 sxs Class B. Circ to surface. | | | | | | | |
| Intermediate Casing Cement | 12/19/1988 | 12/19/1988 | Cement w/1910 sxs 65/35 Poz, followed by 200 sxs Class B. TOC @ 350' by Temp. Survey of 12/19/1988. | | | | | | | |
| Intermediate Casing Cement 2 | 12/24/1988 | 12/24/1988 | Cemented w/895 sxs of 50/50 Class B Poz, followed by 100 sxs Class B. TOC 3688.45 using 75% eff. calc. | | | | | | | |
| Production Casing Cement | 1/15/1989 | 1/15/1989 | Cemented w/555 sxs of 50/50 Class G Poz., then 200 sxs Class G. 1/26/1989 CBL has TOC @ 6650'. | | | | | | | |
| Tubing - Water Injection set at 8,863.60ftKB on 2/8/1989 00:00 | | | | | | | | | | |
| Tubing Description Tubing - Water Injection | Run Date 2/8/1989 | Set Depth (ftKB) 8,863.60 | Comment Set depth adjusted from 15' to 17' KB. | | | | | | | |
| Item Des | OD Nominal (in) | Nominal ID (in) | Wt (lb/ft) | Grade | Jts | Len (ft) | Top (ftKB) | Top Thread | Btm Thread | |
| Tubing Pup Jts | 3 1/2 | 2.99 | 9.30 | J-55 | 4 | 24.40 | 16.99 | | | |
| Tubing | 3 1/2 | 2.99 | 9.30 | J-55 | 288 | 8,811.91 | 41.39 | | | |
| Straight Slot Locator | 4.46 | 2.97 | 9.30 | J-55 | 1 | 1.23 | 8,853.30 | | | |
| B molded Seal Unit | 4.05 | 2.97 | 9.30 | J-55 | 1 | 8.10 | 8,854.53 | | | |
| Mule Shoe Guide | 3.91 | 2.97 | 9.30 | J-55 | 1 | 0.97 | 8,862.63 | | | |
| Other in Hole | | | | | | | | | | |
| Des | Run Date | Top (ftKB) | Com | | | | | | | |
| Otis WB Perm. Packer | 2/6/1989 | 8,852.3 | | | | | | | | |
| Seal Bore Adapt. | 2/6/1989 | 8,854.9 | | | | | | | | |
| Seal Bore | 2/6/1989 | 8,855.4 | | | | | | | | |
| X Over Seal Bore | 2/6/1989 | 8,862.8 | | | | | | | | |
| 3 1/2" Pup Jt | 2/6/1989 | 8,863.6 | | | | | | | | |
| 3 1/2" Collar | 2/6/1989 | 8,870.1 | | | | | | | | |
| Otis X Nipple w/WL re-entry guide cut on bottom | 2/6/1989 | 8,870.6 | | | | | | | | |
| X Plug | 2/13/1989 | 9,400.0 | Couldn't retrieve X Plug. Ran 2 3/4" jet cutter on Homco wire line in 3 1/2 tbg. Cut @ 8868' | | | | | | | |
| Perforations | | | | | | | | | | |
| Date | Type | Top (ftKB) | Btm (ftKB) | Linked Zone | Com | | Shot Dens (shot s/ft) | Enter ed Shot Total | | |
| 1/31/1989 | Bluff | 8959 | 9101 | UNK::MORRISON ENTRADA, Original Hole, MIDDLE MESA SWD 1 | Perf'd @ 8959' - 8966', 8981' - 8999', 9005' - 9013', 9021' - 9037', 9050' - 9058', 9069' - 9079', 9089' - 9101', w/1 SPF 79 Holes. | | | | | |
| 1/28/1989 | Entrada | 9219 | 9330 | UNK::MORRISON ENTRADA, Original Hole, MIDDLE MESA SWD 1 | Perf'd @ 9219' - 27' (2/SPF); 9231' - 37' (1/SPF); 9240' - 47' (2/SPF); 9251' - 61' (2/SPF); 9264' - 68' (1/SPF); 9271' - 75' (1/SPF); 9297' - 9302' (1/SPF); 9317' - 24' (2/SPF); 9326' - 30' (1/SPF), 87 holes. | | | | | |
| Stim/Frac Stage | | | | | | | | | | |
| Start Date | Type | Comment | | | | | | | | |
| 1/28/1989 | Hydraulic Fracture | Frac'd w/3275 gal. 15% HCL, 25,245 gal. slick wtr, 96,530 gal. gel & 170,529# 20/40 sand. | | | | | | | | |
| 1/31/1989 | Hydraulic Fracture | Frac'd w/2,980 gal. 15% HCL, 27,200 gal. slick water, 120,000 gal gel & 222,500# 20/40 sand. | | | | | | | | |

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HILCORP ENERGY COMPANY
Middle Mesa 1 SWD
Tubing Repair & Cleanout NOI

Middle Mesa 1 SWD - PERTINENT DATA SHEET



Hilcorp Energy Company

Pertinent Data Sheet

Well Name: MIDDLE MESA #1 SWD

| | | | | | |
|-----------------------------------|---|--------------------------------------|-------------------------|--------------------------------|--------------------------------|
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| Stim/Frac Stage | | |
|-----------------|---------------|--|
| Start Date | Type | Comment |
| 10/18/2016 | Acid Clean-up | <p>BLUFF/ENTRADA TREATMENT: (8,959' TO 9,330') SICP - 570 PSI. PACKER AT 8,852'.</p> <p>START TREATMENT WITH 500 GALLONS OF 2% KCL WATER AT 1.5 BPM AT 1,140 PSI. FOLLOW WITH 100 GALLONS OF PARAGON 100E SOLVENT AT 1.0 BPM AT 760 PSI. CONTINUE WITH 1,900 GALLONS OF 15% HCL ACID AT 1.8 BPM AT 1,270 PSI. FLUSHED WELL WITH 1,976 GALLONS OF 2% KCL WATER AT 2.4 BPM AT 1,335 PSI.</p> <p>MIN RATE: 0.7 BPM. MAX. RATE: 2.7 BPM. AVG. RATE: 1.9 BPM. MIN. PSI: 770 PSI. MAX. PSI: 1,511 PSI. AVG. PSI: 1,213 PSI. ISDP: 1,029 PSI. PUMPED 107 TOTAL BBLs.</p> |

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oecd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 528842

CONDITIONS

| | |
|--|---|
| Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002 | OGRID: 372171 |
| | Action Number: 528842 |
| | Action Type: [C-103] NOI Workover (C-103G) |

CONDITIONS

| Created By | Condition | Condition Date |
|----------------|--|----------------|
| andrew.fordyce | Notify the North Inspection Group 24 hours prior to MOL by calling 505-320-0243. | 11/21/2025 |
| andrew.fordyce | Passing MIT test in accordance with 19.15.26.11 NMAC. | 11/21/2025 |