

Santa Fe Main Office Phone: (505) 476-3441 Fax: (55) 476-3462 General Information Phone: (505) 629-6116  Online Phone Directory Visit: <a href="https://www.emnrd.nm.gov/ocd/contact-us/">https://www.emnrd.nm.gov/ocd/contact-us/</a>	State of New Mexico Energy, Minerals & Natural Resources Department <b>OIL CONSERVATION DIVISION</b>	C-104 Revised July 9, 2024  Submit Electronically Via OCD Permitting
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**REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**

**Section 1 - Operator and Well Information**

Submittal Type: <input type="checkbox"/> Test Allowable (C-104RT) <input checked="" type="checkbox"/> New Well (C-104NW) <input type="checkbox"/> Recomplete (C-104RC) <input type="checkbox"/> Pay Add (C-104RC) <input type="checkbox"/> Amended	
Operator Name: Hilcorp Energy Company	OGRID: 372171
Property Name and Well Number: CALLOWAY 1M	Property Code: 318877
Mineral Owner: <input type="checkbox"/> State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal	API Number: 30-045-35630
Pool Name: BASIN DAKOTA	Pool Code: 71599

**Section 2 – Surface Location**

UL G	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	27	031N	011W		1817' North	1788' East	36.872033	-107.97571	SAN JUAN

**Section 3 – Completion Information**

Producing Method Flowing	Ready Date 9/10/2024	Perforations MD 6,866'-7,041'	Perforations TVD 6,722'-6,896'
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**Section 4 – Action IDs for Submissions and Order Numbers**

List Action IDs for Drilling Sundries	Was an Order required / needed (Y/N), if yes list Order number:
C-104 RT Action ID (if C-104NW): N/A	Communitization Agreement <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Surface Casing Action ID: 376861	Unit: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Intermediate 1 Casing Action ID: 376861	Compulsory Pooling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Intermediate 2 Casing Action ID: 376861	Down Hole Commingling: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No, Order No. DHC-5417
Production Casing Action ID: 376861	Surface Commingling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
All casing was pressure tested in accordance with NMAC <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Non-standard Location: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Common ownership Order No.
Liner 1 Action ID: N/A	Non-standard Proration: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Casing was installed prior to OCD's Action ID system (Y/N): N	Simultaneous Dedication: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.

**Section 5 - Operator Signature and Certification**

<input checked="" type="checkbox"/> I hereby certify that the required Water Use Report has been, or will be, submitted for this well's completion.	
<input checked="" type="checkbox"/> I hereby certify that the required Fracfocus disclosure has been, or will be, submitted for this well's completion.	
<input checked="" type="checkbox"/> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.	
Name  <b>Cherylene Weston</b>	
Title: Operations Regulatory Tech Sr.	Date: 9/30/2024

Santa Fe Main Office Phone: (505) 476-3441 Fax: (55) 476-3462 General Information Phone: (505) 629-6116  Online Phone Directory Visit: <a href="https://www.emnrd.nm.gov/ocd/contact-us/">https://www.emnrd.nm.gov/ocd/contact-us/</a>	State of New Mexico Energy, Minerals & Natural Resources Department <b>OIL CONSERVATION DIVISION</b>	C-104 Revised July 9, 2024  Submit Electronically Via OCD Permitting
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#### Section 1 - Operator and Well Information

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Operator Name: Hilcorp Energy Company	OGRID: 372171
Property Name and Well Number: CALLOWAY 1M	Property Code: 318877
Mineral Owner: <input type="checkbox"/> State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal	API Number: 30-045-35630
Pool Name: BLANCO MESAVERDE	Pool Code: 72319

#### Section 2 – Surface Location

UL G	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	27	031N	011W		1817' North	1788' East	36.872033	-107.97571	SAN JUAN

#### Section 3 – Completion Information

Producing Method Flowing	Ready Date 8/31/2024	Perforations MD 4,432'-5,059'	Perforations TVD 4,306'-4,928'
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#### Section 4 – Action IDs for Submissions and Order Numbers

List Action IDs for Drilling Sundries	Was an Order required / needed (Y/N), if yes list Order number:
C-104 RT Action ID (if C-104NW): N/A	Communitization Agreement <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Surface Casing Action ID: 376861	Unit: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Intermediate 1 Casing Action ID: 376861	Compulsory Pooling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Intermediate 2 Casing Action ID: 376861	Down Hole Commingling: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No, Order No. DHC-5417
Production Casing Action ID: 376861	Surface Commingling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
All casing was pressure tested in accordance with NMAC <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Non-standard Location: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Common ownership Order No.
Liner 1 Action ID: N/A	Non-standard Proration: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Casing was installed prior to OCD's Action ID system (Y/N): N	Simultaneous Dedication: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.

#### Section 5 - Operator Signature and Certification

<input checked="" type="checkbox"/> I hereby certify that the required Water Use Report has been, or will be, submitted for this well's completion.	
<input checked="" type="checkbox"/> I hereby certify that the required Fracfocus disclosure has been, or will be, submitted for this well's completion.	
<input checked="" type="checkbox"/> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.	
Name  <b>Cherylene Weston</b>	
Title: Operations Regulatory Tech Sr.	Date: 9/30/2024

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## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

### Section 1 - Operator and Well Information

Submittal Type: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Workover <input type="checkbox"/> Deepening <input type="checkbox"/> Plugback <input type="checkbox"/> Different Reservoir <input type="checkbox"/> C-144 Closure Attachment <input type="checkbox"/> Other	
Operator Name: Hilcorp Energy Company	OGRID: 372171
Property Name and Well Number: CALLOWAY 1M	Property Code: 318877
Mineral Owner: <input type="checkbox"/> State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal	API Number: 30-045-35630
Pool Name: BASIN DAKOTA	Pool Code: 71599

### Section 2 – Well Location

	UI or lot no.	Section	Township	Range	Lot Id	Feet from	N/S Line	Feet from	E/W Line	County
SHL:	G	27	031N	011W		1817	North	1788	East	San Juan
BHL	J	27	031N	011W		2532	South	1554	East	San Juan

### Section 3 – Completion Information

Date T.D. Reached 7/29/2024	Total Measured Depth of Well 7083'	Acid Volume (bbls) 24	<input checked="" type="checkbox"/> Directional Survey Submitted <input type="checkbox"/> Deviation Survey Submitted
Date Rig Released 8/23/2024	Plug-Back Measured Depth 7080'	Completion Fluid Used (bbls) 1,715	Were Logs Ran (Y/N) Y
Completion Date 9/10/2024	Perforations (MD and TVD) 6866' – 7041' MD, 6722' – 6896' TVD	Completion Proppant Used (l) 83,924 lbs	List Type of Logs Ran if applicable: CBL

### Section 4 – Action IDs for Submissions and Order Numbers

Surface Casing Action ID: 376861	UIC Permit/Order (UIC wells only) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Intermediate 1 Casing Action ID: 376861	NOI Recomplete Action ID (if applicable): N/A
Intermediate 2 Casing Action ID: 376861	NOI Plugback Action ID (if applicable): N/A
Production Casing Action ID: 376861	Cement Squeeze Action ID (if applicable): 376861
Tubing Action ID: N/A	All casing was pressure tested in accordance with NMAC <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Liner 1 Action ID: N/A	Casing was installed prior to Action ID system (Y/N): N

### Section 5 – Test Data

Date First Production 9/10/2024	Production Method Flowing	Well Status Producing	Gas – Oil Ratio
Date of Test 9/10/2024	Choke Size 21/64"	Flowing Tubing Pressure 400 psi	Casing Pressure 555 psi
24 hr Oil (bbls) 0 bbl	24 hr Gas (MCF) 60 MCF	24 hr Water (bbls) 0 bbl	Oil Gravity – API
Disposition of Gas: Sold			

### Section 6 – Pits

<input type="checkbox"/> A temporary pit was used at the well. If so, attach a plat with the location of the temporary pit. <input checked="" type="checkbox"/> A Closed Loop System was used. <input type="checkbox"/> If an on-site burial was used at the well, report the exact location of the on-site burial: LAT: _____ LONG: _____
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### Section 7 - Operator Signature and Certification

<input checked="" type="checkbox"/> I hereby certify that the required Water Use Report has been, or will be, submitted for this well's completion.	
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<input checked="" type="checkbox"/> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.	
Name <b>Cherylene Weston</b>	
Title Operations Regulatory Tech Sr.	Date 9/27/2024

South Formations				North Formations			
Formation/Zone	MD	TVD	W/O/G	Formation/Zone	MD	TVD	W/O/G
T. Anhy				T. San Jose			
T. Salt				T. Nacimiento			
B. Salt				T. Ojo Alamo	905	902	W
T. Yates				T. Kirtland	1035	1027	
T. 7 Rivers				T. Fruitland	1746	1701	G
T. Queen				T. Pictured Cliffs	2395	2325	G
T. Grayburg				T. Lewis Shale	2583	2506	
T. San Andres				T. Chacra	3503	3393	
T. Glorieta				T. Cliff House	3945	3824	W/G
T. Yeso				T. Menefee	4283	4158	G
T. Paddock				T. Point Lookout	4747	4620	G
T. Blinebry				T. Mancos	5091	4965	
T. Tubb				T. Gallup	6026	5900	G
T. Drinkard				T. Greenhorn	6754	6627	
T. Abo				T. Graneros	6809	6683	
T. Wolfcamp				T. Dakota	6865	6739	G
T. Penn				T. Morrison			
T. Cisco				T. Bluff			
T. Canyon				T. Todilto			
T. Strawn				T. Entrada			
T. Atoka				T. Wingate			
T. Morrow				T. Chinle			
T. Barnett Shale				T. Permian			
T. Miss				T. Penn A"			
T. Woodford Shale				T. Penn. "B"			
T. Devonian				T. Penn. "C"			
T. Silurian				T. Penn. "D"			
T. Fusselman				T. Leadville			
T. Montoya				T. Madison			
T. Simpson				T. Elbert			
T. McKee				T. McCracken			
T. Waddell				T. Ignacio Otzte			
T. Connel				T. Granite			
T. Ellenburger				T. Hermosa			
T. Gr. Wash				T. De Chelly			
T. Delaware Sand				T. Pinkerton			
T. Lamar Lime							
T. Bell Canyon							
T. Cherry Canyon							
T. Brushy Canyon							
T. Bone Springs							
T. 1st BS Sand							
T. 2nd BS Carbonate							
T. 2nd BS Sand							
T. 3rd BS Carbonate							
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Date T.D. Reached 7/29/2024	Total Measured Depth of Well 7083'	Acid Volume (bbls) 24	<input checked="" type="checkbox"/> Directional Survey Submitted <input type="checkbox"/> Deviation Survey Submitted
Date Rig Released 8/23/2024	Plug-Back Measured Depth 7080'	Completion Fluid Used (bbls) 2,356	Were Logs Ran (Y/N) Y
Completion Date 8/31/2024	Perforations (MD and TVD) 4432' – 5059' MD, 4306' – 4928' TVD	Completion Proppant Used (lbs) 317,563 lbs	List Type of Logs Ran if applicable: CBL

### Section 4 – Action IDs for Submissions and Order Numbers

Surface Casing Action ID: 376861	UIC Permit/Order (UIC wells only) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Intermediate 1 Casing Action ID: 376861	NOI Recomplete Action ID (if applicable): N/A
Intermediate 2 Casing Action ID: 376861	NOI Plugback Action ID (if applicable): N/A
Production Casing Action ID: 376861	Cement Squeeze Action ID (if applicable): 376861
Tubing Action ID: N/A	All casing was pressure tested in accordance with NMAC <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Liner 1 Action ID: N/A	Casing was installed prior to Action ID system (Y/N): N

### Section 5 – Test Data

Date First Production 8/31/2024	Production Method Flowing	Well Status Producing	Gas – Oil Ratio
Date of Test 8/31/2024	Choke Size 16/64"	Flowing Tubing Pressure 0 psi	Casing Pressure 600 psi
24 hr Oil (bbls) 0 bbl	24 hr Gas (MCF) 60 MCF	24 hr Water (bbls) 0 bbl	Oil Gravity – API
Disposition of Gas: Sold			

### Section 6 – Pits

<input type="checkbox"/> A temporary pit was used at the well. If so, attach a plat with the location of the temporary pit. <input checked="" type="checkbox"/> A Closed Loop System was used. <input type="checkbox"/> If an on-site burial was used at the well, report the exact location of the on-site burial: LAT: _____ LONG: _____
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Name <b>Cherylene Weston</b>	
Title Operations Regulatory Tech Sr.	Date 9/27/2024

South Formations				North Formations			
Formation/Zone	MD	TVD	W/O/G	Formation/Zone	MD	TVD	W/O/G
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T. Salt				T. Nacimiento			
B. Salt				T. Ojo Alamo	905	902	W
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T. 7 Rivers				T. Fruitland	1746	1701	G
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T. Abo				T. Graneros	6809	6683	
T. Wolfcamp				T. Dakota	6865	6739	G
T. Penn				T. Morrison			
T. Cisco				T. Bluff			
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T. Atoka				T. Wingate			
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T. Fusselman				T. Leadville			
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T. 3rd BS Sand							

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. 30-045-35630
5. Indicate Type of Lease STATE [ ] FEE [X]
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name CALLOWAY
8. Well Number 1M
9. OGRID Number 372171
10. Pool name or Wildcat Blanco Mesaverde/Basin Dakota

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 [X] Other
2. Name of Operator HILCORP ENERGY COMPANY
3. Address of Operator 382 Road 3100, Aztec, NM 87410
4. Well Location
Unit Letter G : 1817 feet from the North line and 1788 feet from the East line
Section 27 Township 31N Range 11W NMPM County San Juan
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5733' GR

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 [ ]
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: COMPLETION [X]

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.

Please see attached completion operations reports.

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 Cherylene Weston TITLE Operations/Regulatory Technician - Sr. DATE 9/26/2024

Type or print name Cherylene Weston E-mail address: cweston@hilcorp.com PHONE: 713-289-2615

For State Use Only

APPROVED BY: TITLE DATE

Conditions of Approval (if any):



## Well Operations Summary L48

**Well Name: Calloway #1M**

<b>API: 3004535630</b>	<b>Field: Basin Dakota</b>	<b>State: NEW MEXICO</b>
<b>Permit to Drill (PTD) #:</b>	<b>Sundry #:</b>	<b>Rig/Service: MESA PRODUCTION</b>

**Jobs**

**Actual Start Date:** 8/1/2024      **End Date:** 9/10/2024

Report Number 6	Report Start Date 8/19/2024	Report End Date 8/19/2024
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Operation

MOVE IN SPOT AND R/U GORE N2 AND THE BASIN WRLN.

RIH, **PERF STAGE #1 LOWER DAKOTA (24 SHOTS) 0.45" DIA, 3-1/8" DYNASTAGE GUNS, 1 SPF 0 DEGREE PHASING AT 6947'**, 6950', 6953', 6955', 6958', 6960', 6964', 6968', 6970', 6982', 6988', 6990', 6992', 6998', 7004', 7005', 7011', 7019', 7021', 7028', 7035', 7037', 7039', **7041'**.

ALL SHOTS FIRED.

POH. R/D WRLN LUBRICATOR.

COOL DOWN AND PRIME EQUIPMENT. PRESSURE TEST FLUID LINES TO 5000 PSI. GOOD TEST. PRESSURE TEST N2 LINES TO 5000 PSI. GOOD TEST.

HELD PRE JOB SAFETY MEETING WITH ALL PERSONAL ON LOCATION.

LOWER DAKOTA STIMULATION: (6947' TO 7041')

FRAC AT 50 BPM W/ 70Q N2 FOAM  
 TOTAL LOAD: 828 BBLS  
 SLICKWATER: 816 BBLS  
 TOTAL ACID: 12 BBLS  
 TOTAL 20/40 SAND: 28,783 LBS  
 TOTAL N2: 1,496,000 SCF  
 AVERAGE RATE: 49.2 BPM  
 MAX RATE: 51.2 BPM  
 AVERAGE PRESSURE: 3,868 PSI  
 MAX PRESSURE: 4,185 PSI  
 MAX SAND CONC: 1.25 PPG DOWNHOLE

BREAKDOWN:  
 ISIP: 1070 PSI  
 5 MIN: 380 PSI  
 10 MIN: 205 PSI  
 15 MIN: 106 PSI

FINAL:  
 ISIP: 1520 PSI  
 5 MIN: 1187 PSI  
 10 MIN: 1081 PSI  
 15 MIN: 1006 PSI

PRESSURED SPIKED AND CUT SCREWS WITH 28,783 LBS OF THE PLANNED 41,875 LBS OF SAND.

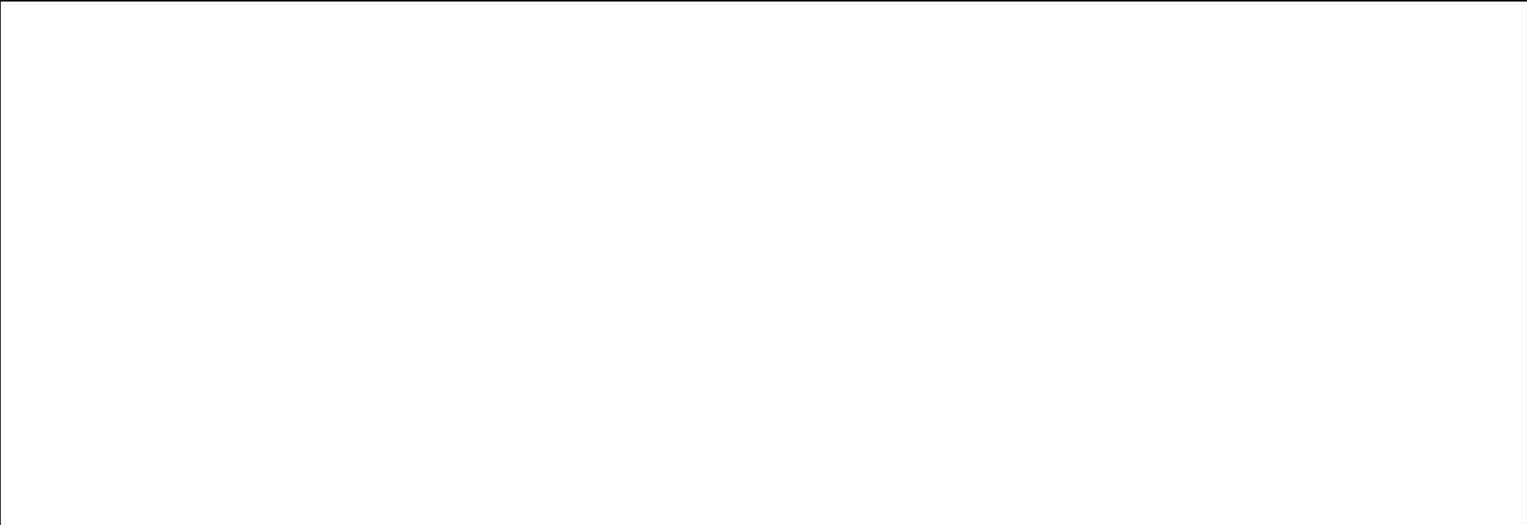
RIH W/ WRLN AND **SET CBP AT 6942'**. POH.

RIH AND **PERF STAGE #2 UPPER DAKOTA (24 SHOTS) 0.45" DIA, 3-1/8" DYNASTAGE GUNS, 1 SPF 0 DEGREE PHASING AT 6866'**, 6867', 6869', 6870', 6871', 6873', 6874', 6879', 6881', 6885', 6902', 6904', 6905', 6907', 6909', 6910', 6913', 6915', 6918', 6919', 6920', 6922', 6930', **6938'**.

ALL SHOTS FIRED.

POH. R/D WRLN LUBRICATOR.

WAIT ON COLD END FOR N2 PUMP. REPAIR N2 PUMP.





## Well Operations Summary L48

**Well Name: Calloway #1M**

**API: 3004535630**

**Field: Basin Dakota**

**State: NEW MEXICO**

**Sundry #:**

**Rig/Service: MESA PRODUCTION**

Operation

UPPER DAKOTA STIMULATION: (6866' TO 6938')

FRAC AT 50 BPM W/ 70Q N2 FOAM  
 TOTAL LOAD: 899 BBLS  
 SLICKWATER: 887 BBLS  
 TOTAL ACID: 12 BBLS  
 TOTAL 20/40 SAND: 55,141 LBS  
 TOTAL N2: 1,673,000 SCF  
 AVERAGE RATE: 50.2 BPM  
 MAX RATE: 51.1 BPM  
 AVERAGE PRESSURE: 3,623 PSI  
 MAX PRESSURE: 3,703 PSI  
 MAX SAND CONC: 1.5 PPG DOWNHOLE

BREAKDOWN:  
 ISIP: 1222 PSI  
 5 MIN: 778 PSI  
 10 MIN: 702 PSI  
 15 MIN: 655 PSI

FINAL:  
 ISIP: 2053 PSI  
 5 MIN: 1626 PSI  
 10 MIN: 1544 PSI  
 15 MIN: 1498 PSI

PUMPED 55,141 LBS SAND OF PLANNED 41,875 LBS.

RIH W/ WRLN AND SET CBP AT 5170'.

**PERF STAGE #3 POINT LOOKOUT (30 SHOTS) 0.33" DIA, 3-1/8" DYNASTAGE GUNS, 1 SPF 0 DEGREE PHASING @ 4752', 4756', 4767', 4773', 4779', 4792', 4798', 4804', 4811', 4819', 4823', 4829', 4841', 4853', 4859', 4875', 4880', 4926', 4935', 4949', 4958', 4974', 4982', 4986', 4989', 4999', 5011', 5021', 5048', 5059'.**

ALL SHOTS FIRED.

POH. R/D WRLN LUBRICATOR.

POINT LOOKOUT STIMULATION: (4752' TO 5059')

FRAC AT 60 BPM W/ 70Q N2 FOAM  
 TOTAL LOAD: 1,614 BBLS  
 SLICKWATER: 1,602 BBLS  
 TOTAL ACID: 12 BBLS  
 TOTAL 20/40 SAND: 197,050 LBS  
 TOTAL N2: 1,892,000 SCF  
 AVERAGE RATE: 59.4 BPM  
 MAX RATE: 68.0 BPM  
 AVERAGE PRESSURE: 1900 PSI  
 MAX PRESSURE: 2179 PSI  
 MAX SAND CONC: 2.5 PPG DOWNHOLE

BREAKDOWN:  
 ISIP: VAC PSI  
 5 MIN: N/A  
 10 MIN: N/A  
 15 MIN: N/A

FINAL:  
 ISIP: 41 PSI  
 5 MIN: N/A  
 10 MIN: N/A  
 15 MIN: N/A

DROPPED 15 PERF PODS IN BETWEEN SAND RAMPS. SEEN 776 PSI PRESSURE GAIN.

RIH W/ WRLN AND SET CBP AT 4746'. POH. BLEED OFF PRESSURE IN 4-1/2" CASING.

SHUT IN WELL. SECURED LOCATION.

RIG DOWN FRAC, N2 AND WIRELINE EQUIPMENT.

Report Number

Report Start Date  
8/20/2024

Report End Date  
8/20/2024

Operation

ACCEPT HEC #103 AT 13:30 ON 8/20/2024. CREW TRAVELED TO LOC. MOB FROM THE TINKER 2-9 SWD TO THE CALLOWAY #1M (38 MILE MOVE).

HOLD PJSM. DISCUSS DAYS ACTIVITIES. NO PRESSURE ON WELL. SITP: N/A SICP: 0 PSI SIICP: 0 PSI SIBHP: 0 PSI BDW: 0 MIN



## Well Operations Summary L48

**Well Name: Calloway #1M**

**API: 3004535630**

**Field: Basin Dakota**

**State: NEW MEXICO**

**Sundry #:**

**Rig/Service: MESA PRODUCTION**

Operation

SPOT RIG AND EQUIPMENT. RIG UP RIG EQUIPMENT.

N/D FRAC STACK. N/U BOP. R/U RIG FLOOR. CHANGE OVER TO 2-3/8" HANDLING TOOLS. FUNCTION TEST AND PT BOP (GOOD).

TALLY AND P/U NOTCH COLLAR. TALLY AND P/U NEW 2 3/8" 4.7# L-80 EUE 8RD TUBING. TAG CBP @ 4746'.

CIRCULATE CASING VOLUME W/ 80 BBLS FRESH WATER. PSI TEST CASING TO 1500 PSI FOR 15 MINUTES (GOOD TEST). BLEED OFF PRESSURE.

TOOH W/ ALL TUBING.

SHUT IN WELL. SECURED LOCATION. DEBRIEFED CREW. SDFN.

CREW TRAVELED HOME.

Report Number 8	Report Start Date 8/21/2024	Report End Date 8/21/2024
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Operation

CREW TRAVELED TO LOCATION.

HELD PRE JOB SAFETY MEETING.

R/U TWG. RIH AND SHOOT SQUEEZE HOLES AT 4284'. CORRELATED TO RBL RAN 8/5/24. POH. R/D TWG.

ESTABLISHED CIRCULATION DOWN CASING AND OUT INTERMEDIATE CASING. FULL RETURNS. CIRCULATED BOTTOMS UP (100 BBLS).

P/U 4-1/2" AS1-X PACKER. TIH AND SET PACKER AT 3795'.

R/U AWS CEMENT CREW.

**MIX AND PUMP 55 SX, 63.25 CU FT, 1.15 YIELD, 15.8 PPG, 11.2 BBL SLURRY, 6.5 BBL MIX, CLASS G CEMENT TO ISOLATE MENEFFEE FRAC WITH 47 SX OUTSIDE 4-1/2" CASING AND 8 SX INSIDE 4-1/2" CASING. DISPLACED WITH 20.8 BBLS. SQUEEZED LAST 1/4 BBL TO 500 PSI. PRESSURE DID NOT DROP.**

OBSERVE WELL PRESSURES.

SHUT IN WELL. SECURED LOCATION. DEBRIEFED CREW. SDFN.

CREW TRAVELED HOME.

Report Number 9	Report Start Date 8/22/2024	Report End Date 8/22/2024
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Operation

CREW TRAVELED TO LOCATION.

HELD PRE JOB SAFETY MEETING.

UNSET AS1-X PACKER. TOH WITH TUBING. L/D PACKER. P/U 3-7/8" CONE BIT. TIH WITH TUBING IN DERRICK. TAG CEMENT AT 4174'. P/U POWER SWIVEL.

**DRILL OUT CEMENT FROM 4174' TO 4284'. L/D POWER SWIVEL.**

**PRESSURE TEST CASING TO 580 PSI (GOOD).**

TIH WITH TUBING. P/U POWER SWIVEL.

CLEAN OUT ON CBP AT 4746'. L/D POWER SWIVEL.

L/D TUBING STRING.

R/U BASIN WRLN. **RUN CBL FROM 3300' TO 4300'**. POH. R/D BASIN WRLN. TOC 3834'.

SHUT IN WELL. SECURED LOCATION. DEBRIEFED CREW. SDFN.

CREW TRAVELED HOME.

Report Number 10	Report Start Date 8/23/2024	Report End Date 8/23/2024
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Operation

CREW TRAVELED TO LOCATION.

HELD PRE JOB SAFETY MEETING.

R/U WELLCHECK. **CONDUCT MIT ON CASING TO 560 PSI FOR 30 MINUTES FROM 0' TO 4746'. MIT PASSED MY MONICA KUEHLING WITH NMOC D VIA EMAIL.**

R/D FLOOR. N/D BOP. INSTALL HANGER AND TWO WAY CHECK. N/U FRAC STACK.

PRESSURE TEST FRAC STACK TO 5000 (GOOD). PULL TWO WAY CHECK. R/D WELLCHECK.

R/D UNIT. PREP FOR RIG MOVE. **RIG RELEASED TO THE UTE 34-10 #101R. JOB COMPLETE.**

Report Number 11	Report Start Date 8/29/2024	Report End Date 8/29/2024
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Operation

MOVE IN SPOT AND R/U GORE N2 AND THE BASIN WRLN.

**RIH AND PERF STAGE #4 LOWER MENEFFEE (24 SHOTS) 0.33" DIA, 3-1/8" DYNASTAGE GUNS, 1 SPF 0 DEGREE PHASING AT 4608', 4609', 4619', 4624', 4628', 4634', 4646', 4648', 4656', 4662', 4664', 4672', 4685', 4690', 4703', 4706', 4712', 4714', 4718', 4721', 4726', 4731', 4735', 4739'.**

ALL SHOTS FIRED.

POH. R/D WRLN LUBRICATOR.

COOL DOWN AND PRIME EQUIPMENT. PRESSURE TEST FLUID LINES TO 5000 PSI. GOOD TEST. PRESSURE TEST N2 LINES TO 5000 PSI. GOOD TEST.

HELD PRE JOB SAFETY MEETING WITH ALL PERSONAL ON LOCATION.



**Well Operations Summary L48**

**Well Name: Calloway #1M**

**API: 3004535630**

**Field: Basin Dakota**

**State: NEW MEXICO**

**Sundry #:**

**Rig/Service: MESA PRODUCTION**

Operation

LOWER MENEFEE STIMULATION: (4608' TO 4739')

FRAC AT 70 BPM W/ 70Q N2 FOAM  
 TOTAL LOAD: 766 BBLS  
 SLICKWATER: 754 BBLS  
 TOTAL ACID: 12 BBLS  
 TOTAL 20/40 SAND: 75,396 LBS  
 TOTAL N2: 941,000 SCF  
 AVERAGE RATE: 70.0 BPM  
 MAX RATE: 71.0 BPM  
 AVERAGE PRESSURE: 2,809 PSI  
 MAX PRESSURE: 2,891 PSI  
 MAX SAND CONC: 2.25 PPG DOWNHOLE

BREAKDOWN:

ISIP: VAC  
 5 MIN:  
 10 MIN:  
 15 MIN:

FINAL:

ISIP: 437 PSI  
 5 MIN: 11 PSI  
 10 MIN: 0 PSI  
 15 MIN:

PRESSURED SPIKED AND CUT SCREWS WITH 28,783 LBS OF THE PLANNED 41,875 LBS OF SAND.

RIH W/ WRLN AND SET CBP AT 4604'.

RIH AND PERF STAGE #5 UPPER MENEFEE (25 SHOTS) 0.33" DIA, 3-1/8" DYNASTAGE GUNS, 1 SPF 0 DEGREE PHASING AT 4432', 4439', 4441', 4446', 4465', 4482', 4486', 4496', 4499', 4503', 4523', 4531', 4535', 4539', 4540', 4545', 4553', 4557', 4559', 4568', 4573', 4577', 4580', 4585', 4588'.

ALL SHOTS FIRED.

POH. R/D WRLN LUBRICATOR.

UPPER MENEFEE STIMULATION: (4432' TO 4588')

FRAC AT 70 BPM W/ 70Q N2 FOAM  
 TOTAL LOAD: 506 BBLS  
 SLICKWATER: 494 BBLS  
 TOTAL ACID: 12 BBLS  
 TOTAL 20/40 SAND: 45,117 LBS  
 TOTAL N2: 537,000 SCF  
 AVERAGE RATE: 70.0 BPM  
 MAX RATE: 72.0 BPM  
 AVERAGE PRESSURE: 2,577 PSI  
 MAX PRESSURE: 2,630 PSI  
 MAX SAND CONC: 2.25 PPG DOWNHOLE

BREAKDOWN:

ISIP: VAC  
 5 MIN:  
 10 MIN:  
 15 MIN:

FINAL:

ISIP: 944 PSI  
 5 MIN: 607 PSI  
 10 MIN: 514 PSI  
 15 MIN: 414 PSI

PUMPED 55,141 LBS SAND OF PLANNED 41,875 LBS.

RIH W/ WRLN AND SET CBP AT 4220'. POH. BLEED OFF PRESSURE IN 4-1/2" CASING.

SHUT IN WELL. SECURED LOCATION.

RIG DOWN FRAC, N2 AND WIRELINE EQUIPMENT.

Report Number 12	Report Start Date 8/30/2024	Report End Date 8/30/2024
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Operation

RIG CREW TRAVELED TO THE LC KELLY #20. START RIG AND PREPARE FOR MOVE.

MOBILIZE RIG AND EQUIPMENT TO THE CALLOWAY 1M

RIG UP RIG AND SUPPORT EQUIPMENT.



## Well Operations Summary L48

**Well Name: Calloway #1M**

**API: 3004535630**

**Field: Basin Dakota**

**State: NEW MEXICO**

**Sundry #:**

**Rig/Service: MESA PRODUCTION**

Operation

SAFETY MEETING ON TODAYS OPERATION.

CHECK PRESSURES ON WELL. CASING 0 PSI. TUBING N/A. BH 0 PSI. INT 0 PSI. DRY ROD TWC IN HANGER. ND 10K FRAC STACK. NU BOP. RIG UP WELLCHECK. CHART TEST PIPE AND BLIND RAMS TO 250 PSI LOW AND 2600 PSI HIGH. TEST WAS GOOD. PULL TWC AND HANGER TO RIG FLOOR. RIG DOWN WELLCHECK.

MAKE UP MILL OUT BHA. TALLY PICK AND TRIP IN THE HOLE WITH 3 7/8" JUNK MILL 1ST CBP AT 4222' WITH 129 JOINTS OF 2 3/8" TUBING.

RIG UP POWER SWIVEL. BRING ON 12 BBL PER HOUR AIR FOAM MIST AT 1300 CFM RUNING 2.5 GALLONS OF FOAMER PER HOUR AND 2.5 GALLONS OF CORROSION INHIBITOR PER HOUR. STARTED **DRILLING 1ST CBP AT 3:00PM. MILLED UP CBP IN 1 HOUR.** CIRCULATING PRESSURE WENT FROM 550 PSI TO 500 PSI. THEN UP TO 800 PSI. WELL MAKING TRACE OF SAND. SHUT AIR UNIT DOWN. TRIP IN HOLE TO CBP AT 4604' WITH 140 JOINTS OF TUBING. BRING ON AIR FOAM MIST. ESTABLISH GOOD CIRCULATION. START **MILL UP OF CBP AT 4604'**. MILLED ON IT FOR @ 1 HOUR. SAND RETURNS AT A TRACE. SHUT AIR FOAM MIST DOWN. PULL 5 STANDS OF TUBING TO A DEPTH OF 4290'. TOP PERF AT 4432'.

SHUT WELL IN. SECURE LOCATION. SHUT DOWN FOR THE DAY.

TRAVEL TO YARD.

Report Number 13	Report Start Date 8/31/2024	Report End Date 8/31/2024
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Operation

TRAVEL TO LOCATION

SAFETY MEETING WITH CREW. TOOK PRESSURES ON WELL. CASING 800 PSI. TUBING 0 PSI. BH 0 PSI. INT 0 PSI. BLEW WELL DOWN IN 15 MINUTES TO A STEADY BLOW.

TRIP IN HOLE WITH 5 STANDS ON TUBING TO A CBP AT 4604'. RIG UP POWER SWIVEL. BRING ON 12 BBL PER HOUR AIR FOAM MIST AT 1300 CFM. **MILLED UP CBP AT 4604'**. CIRCULATE HOLE CLEAN. SHUT AIR UNIT DOWN. TRIP IN HOLE TO CBP AT 4746'. ESTABLISH 12 BBL PER HOUR AIR FOAM MIST AT 1300 CFM. **MILL UP CBP AT 4746'**. CLEAN OUT TO 5079'. BOTTOM PERF AT 5059'. CLEANED OUT SAND AND PUSHED CBP PARTS FROM 4930' TO 5079'. CIRCULATED ON BOTTOM PUMPING MULTIPLE SWEEPS UNTIL SAND WAS AT A TRACE. SHUT AIR UNIT DOWN. HANG BACK SWIVEL. TRIP OUT OF THE HOLE WITH 15 STANDS OF TUBING TO A DEPTH OF 4092' TOP PERF AT 4432'. INSTALL NEW STRIPPING RUBBER. CLOSE PIPE RAMS. INSTALL TIW VALVE ON TUBING.

SECURE LOCATION. TURN WELL OVER TO FLOW BACK CREW,

Report Number 14	Report Start Date 8/31/2024	Report End Date 9/1/2024
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Operation

MOVE IN IDEAL COMPLETIONS EQUIPMENT. R/U SEPARATION EQUIPMENT. FLOWBACK WELL TO FLARE. MONITOR O2 CONTENT. SELLABLE GAS ACHIEVED. TURNED GAS TO SALES LINE FOR 4 HOURS. SIW. TURN WELL OVER TO PRODUCTION. RDMO IDEAL COMPLETIONS EQUIPMENT.

Report Number 15	Report Start Date 9/4/2024	Report End Date 9/4/2024
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Operation

RIG CREW TRAVELED TO LOCATION.

WELL SHUT IN FOR A 1 HOUR BUILD UP AFTER 72 HOUR FLOW TEST. CASING 510 PSI. TUBING 0 PSI. BH 0 PSI. INT 0 PSI. BLEW WELL DOWN IN 15 MINUTES TO A STEADY BLOW.

SAFETY MEETING. TRIP IN HOLE WITH 15 STANDS OF 2 3/8" TUBING AND 3 7/8" JUNK MILL FROM 4092'. TAGGED UP AT 5050'. PRIOR CLEAN OUT DEPTH WAS 5079'.

RIG UP POWER SWIVEL. BRING ON 13 BBL PER HOUR AIR FOAM MIST AT 2.5 GALLONS PER HOUR CORROSION INHIBITOR AND 2.5 GALLONS PER HOUR FOAMER. ESTABLISH GOOD CIRCULATION. CLEAN OUT FILL/SAND FROM 5050' TO CBP AT 5170'. TOTAL OF 120" OF FILL CLEANED OUT. RANGING FROM 2-3 CUPS OF SAND PER 5 GALLON BUCKET TEST. DOWN TO A TRACE. ONCE WE STARTED MILLING ON PLUG AT 5170' CIRCULATING PRESSURE WENT FROM 800 PSI TO 600 PSI FOR SEVERAL MINUTES. THEN PRESSURE WENT BACK TO 800 PSI. CIRCULATED AT 5170' UNTIL SAND STAYED AT A TRACE. SHUT AIR UNIT DOWN.

TRIP OUT OF THE HOLE WITH 17 STANDS TO 4026'. TOP PERF AT 4432'.

SHUT WELL IN. SECURE LOCATION. SHUT DOWN FOR THE DAY.

TRAVEL TO YARD

Report Number 16	Report Start Date 9/5/2024	Report End Date 9/5/2024
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Operation

RIG CREW TRAVELED TO LOCATION

SAFETY MEETING ON OPS TODAY. TOOK PRESSURES ON WELL. CASING 540 PSI. TUBING 0 PSI. BH 0 PSI. INT 0 PSI. BLEW WELL DOWN IN 20 MINUTES TO A STEADY BLOW.

TRIP IN HOLE TO CBP AT 5170'. TAGGED FILL AT A DEPTH OF 5158'. WE HAD 12' OF FILL.

CLUTCH WENT OUT. REPAIR CLUTCH. CIRCULATE HOLE WITH AIR FOAM MIST WHILE REPAIRS WERE BEING MADE.

ESTABLISH 12 BBL PER HOUR AIR FOAM MIST. CLEAN OUT 12' OF FILL ON TOP OF **CBP AT 5170'. MILL UP CBP.** WELL MAKING 1/4 CUP OF SAND TO A TRACE PER 5 GALLON BUCKET TEST DURING THE MILL OUT OPERATION. IT TOOK @ 6 HOURS TO MILL UP CBP. WENT DOWN TO A DEPTH OF 5180'. CIRCULATING PRESSURE DURING MILL OUT OF PLUG WAS 800 PSI. PRESSURE JUMPED TO 1000 PSI AFTER THE PLUG WAS MILLED ABOVE THE DK. THEN LEVELED BACK OFF TO 800 PSI. WE BLEW A HOSE ON THE MIST PUMP. HAD TO SHUT DOWN MILLING AND CLEAN OUT OPERATIONS FOR THE DAY.

TRIP OUT OF THE HOLE WITH 17 STANDS TO 4026'. TOP PERF AT 4432'.

SHUT WELL IN. SECURE LOCATION. SHUT DOWN FOR THE DAY.

TRAVEL TO LOCATION.

Report Number 17	Report Start Date 9/6/2024	Report End Date 9/6/2024
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Operation

TRAVEL TO LOCATION



## Well Operations Summary L48

**Well Name: Calloway #1M**

**API: 3004535630**

**Field: Basin Dakota**

**State: NEW MEXICO**

**Sundry #:**

**Rig/Service: MESA PRODUCTION**

Operation

SAFETY MEETING. TOOK PRESSURES. CASING 640 PSI. TUBING 0 PSI. BH 0 PSI INT 0 PSI. BLEW WELL DOWN TO A STEADY BLOW IN 25 MINUTES. TRIP IN HOLE FROM 4026' TO 6880' AND TAGGED UP WITH 3 7/8" JUNK MILL. CBP AT 6942'. AT 6880' IT APPEARS WE HAD SOME PLUG PART BESIDE OUR MILL. TUBING PULLED TIGHT FOR ABOUT 10' FEET WHILE LAYING DOWN 1 JOINT. AND PICKING UP SWIVEL.

BRING ON AIR UNIT. ESTABLISH 12 BBL PER HOUR AIR FOAM MIST AT 1300 CFM. CLEAN OUT FILL AND CBP PARTS FROM 6880' TO **LAST CBP AT 6942'**. A TOTAL OF 62'. **ENGAGE CBP AT 11AM. MILLED UP CBP** IN 1 HOUR AND 30 MINUTES. CIRCULATING PRESSURE AT 850 PSI BEFORE AND AFTER DRILL OUT OF CBP AT 6942. MILLING OFF AND PUSHING PLUG PARTS FROM A DEPTH OF 6948' TO 6971'. WE HAD TO MILL OFF CBP PARTS VERY SLOWLY. RUNNING NO MORE THAN 1 POINT ON THE MILL. ANY MORE THAN THAT WOULD STALL OUR SWIVEL OUT AND CAUSE US TO HANG UP DOWN HOLE. THE WELL WAS MAKING 1/8 CUP OF SAND TO A TRACE PER 5 GALLON BUCKET TEST. WE PUMPED MULTIPLE SWEEPS DURING MILLING AND CLEAN OUT OPERATIONS. UPDATED ENGINEER JACKSON LANCASTER ON CLEAN OUT PROGRESS. FINAL CLEAN OUT DEPTH TODAY WAS 6971'. SHUT AIR UNIT DOWN.

HANG BACK SWIVEL. TRIP OUT OF THE HOLE WITH 6 STANDS OF TUBING TO A DEPTH OF 6685'. RIG CLUTCH WENT OUT. PUT AIR FOAM MIST ON TUBING TO CIRCULATE HOLE. THE RIG CREW SWAPPED OUT THE CLUTCH. SHUT AIR UNIT DOWN. TRIP OUT OF THE HOLE WITH 35 STANDS OF TUBING TO ABOVE TOP PERF AT 4432'.

SHUT WELL IN. SECURE LOCATION. SHUT DOWN FOR THE DAY.

TRAVEL TO YARD.

Report Number 18	Report Start Date 9/7/2024	Report End Date 9/7/2024
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Operation

TRAVEL TO LOCATION

SAFETY MEETING WITH CREW. TOOK PRESSURES ON WELL. CASING 600 PSI. TUBING 0 PSI. BH 0 PSI . INT 0 PSI. BLEW WELL DOWN IN 20 MINUTES TO A STEADY BLOW.

TRIP OUT OF THE HOLE WITH 3 7/8" JUNK MILL FROM A DEPTH OF 4356' TO CHANGE OUT MILL. PUMP A 110 BBL KILL ON WELL TO GET THE MILL OUT OF THE HOLE. WELL UNLOADED THE KILL WATER IN 28 MINUTES.

PUMP 120 BBL KILL. TRIP IN THE HOLE WITH NEW 3 7/8" JUNK MILL. TAGGED UP AT 6869' THIS IS 102' HIGHER THAN OUR FINAL CLEAN OUT DEPTH OF 6971' THE DAY PRIOR. WELL UNLOADED THE KILL WATER IN 58 MINUTES.

RIG UP POWER SWIVEL. BRING ON 12 BBL PER HOUR AIR FOAM MIST AT 1300 CFM RUNNING 2 GALLONS PER HOUR FOAMER AND 2 GALLONS PER HOUR CORROSION INHIBITOR. START MILLING AT 6869'. MILLED AT THAT DEPTH FOR 30 MINUTES. DRAW WORKS CHAIN BROKE.

MAKE RIG REPAIRS

RESUME MILLING OPERATIONS AT A DEPTH OF 6869'. RUNNING REGULAR SOAP SWEEPS ALONG WITH OUR 12 BBL PER HOUR AIR FOAM MIST. MILLED AT THAT SPOT FOR @ 1.5 HOURS. STARTED SEEING OUR SWIVEL TORQUE UP. FINALLY GOT THRU 6869'. CIRCULATED HOLE. SHUT AIR UNIT DOWN. TRIP IN HOLE TO A DEPTH OF 6950' AND TAGGED UP. NO FILL TAGGED FOR 81'. BRING ON AIR FOAM MIST. RESUME MILLING OPERATIONS AT 6950'. MILLED @ 4 FEET. MILL WAS STUCK HAD TO WORK FOR @ 45 MINUTES. PULLING UP TO 35 K OVER STRING WEIGHT AND WORKING SWIVEL TO GET FREED UP. ONCE WE WERE FREE. WE PUMPED A 3 BBL SWEEP. DID NOT GET ANY PLUG PARTS BACK AND SAND WAS AT A TRACE. SHUT AIR UNIT DOWN. FINAL CLEAN OUT DEPTH TODAY WAS @6954'. WE ARE 126' FROM PBSD OF 7080.

TRIP OUT OF THE HOLE WITH 40 STANDS OF TUBING TO ABOVE TOP PERF AT 4432'. TUBING DRAG FOR THE 1ST 150' COMING OFF OF BOTTOM.

SHUT WELL IN. SECURE LOCATION. SHUT DOWN FOR THE DAY.

TRAVEL TO YARD.

Report Number 19	Report Start Date 9/8/2024	Report End Date 9/8/2024
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Operation

RIG CREW TRAVELED TO LOCATION

RIG CREW REPLACED DRAW WORKS CHAIN.

SAFETY MEETING. TOOK PRESSURES ON WELL. CASING 600 PSI. TUBING 0 PSI. BH 0 PSI. INT 0 PSI. BLOW WELL DOWN TO A STEADY BLOW IN 20 MINUTES.

TRIP IN HOLE WITH 3 7/8" JUNK MILL TO TAG DEPTH OF 6967'. 13' DEEPER THAN FINAL CLEAN OUT DEPTH THE DAY PRIOR.

RIG UP XK 90 POSWER SWIVEL. BRING ON AIR UNIT. ESTABLISH 12 BBL PER HOUR AIR FOAM MIST. ESTABLISH GOOD CIRCULATION TO CLEAN OUT TANK. **START MILL OUT OF REMAINING CBP PARTS AT A DEPTH OF 6967'**. VERY DIFFICULT MILLING FROM 6967' TO 6981'. ONCE WE WERE PAST 6981' MILLING WENT A LITTLE FASTER. WE COULD NOT RUN MORE THAN 1- 2 POINTS ON THE MILL. WE MILLED OUT AND CLEAN OUT TO PBSD OF 7080'. CIRCULATE ON BOTTOM CLEANING THE HOLE UP. WELL WAS MAKING ONLY A TRACE OF SAND DURING CLEAN OUT OPERATIONS. SHUT AIR UNIT DOWN.

LAY 4 JOINTS DOWN ON THE PIPE TRAILER TO GET OF BOTTOM. RIG DOWN POWER SWIVEL. TRIP OUT OF THE HOLE WITH THE 3 7/8" JUNK MILL TO A DEPTH OF 3830. HAD SOME DRAG COMING OFF BOTTOM FOR ABOUT 300 FEET.

SHUT WELL IN. SECURE LOCATION. SHUT DOWN FOR THE DAY

TRAVEL TO YARD.

Report Number 20	Report Start Date 9/9/2024	Report End Date 9/9/2024
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Operation

TRAVEL TO LOCATION.

SAFETY MEETING WITH CREW. TOOK PRESSURES ON WELL. CASING 600 PSI. TUBING 0 PSI. BH 0 PSI. INT 0 PSI. BLEW WELL DOWN IN 20 MINUTES TO A STEADY BLOW.

TRIP OUT OF THE HOLE FROM 3830'. PUMP 120 BBL KILL TO GET THE 3 7/8" MILL OUT OF THE HOLE.

TRIP AND DRIFT IN THE HOLE WITH **2 3/8" L80 PRODUCTION TUBING** TO BELOW BOTTOM PERF AT 7041'. NO FILL TAGGED. PULL UP AND **LAND TUBING AT A DEPTH 6815'**. WITH **SEATING NIPPLE AT 6813'**. **PBSD AT 7080'**. SEE SCHEMATIC FOR DETAILS. WELL UNLOADED THE 120 BBL KILL IN 60 MINUTES.



### Well Operations Summary L48

**Well Name: Calloway #1M**

**API: 3004535630**

**Field: Basin Dakota**

**State: NEW MEXICO**

**Sundry #:**

**Rig/Service: MESA PRODUCTION**

Operation

ND BOP NU WH. PUMP A 4 BBL PAD DOWN THE TUBING. DROP PUMP OFF BALL. BRING ON AIR UNIT. PRESSURE TEST TUBING TO 500 PSI. TEST WAS GOOD. PUMP OFF XCK AT 1550 PSI. UNLOAD HOLE. SHUT AIR UNIT DOWN. SHUT WELL IN.

RIG DOWN RIG AND EQUIPMENT. JOB COMPLETE. TURN WELL OVER TO FLOW TEST CREW. TRAVEL TO YARD.

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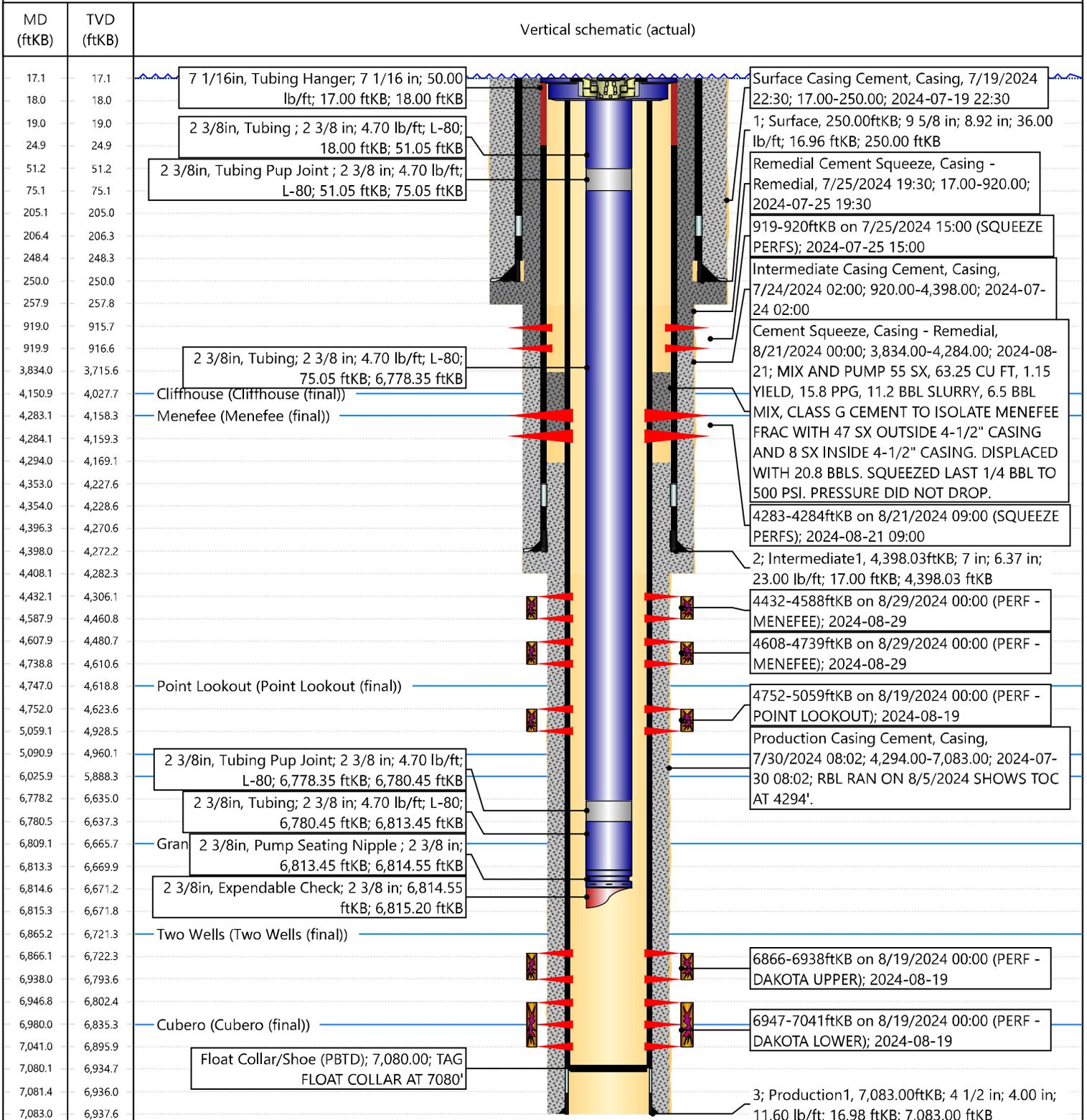
Current Schematic - Version 3

Well Name: Calloway #1M

API / UWI 3004535630	Surface Legal Location	Field Name Basin Dakota	Route	State/Province NEW MEXICO	Well Configuration Type
Ground Elevation (ft) 5,944.00	Original KB/RT Elevation (ft) 17.00	Tubing Hanger Elevation (ft)	RKB to GL (ft) -5,927.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)

Tubing Strings					
Run Date 9/9/2024 13:00	Set Depth (ftKB) 6,815.20	String Max Nominal OD (in) 2 3/8	String Min Nominal ID (in) 2.00	Weight/Length (lb/ft) 4.70	Original Spud Date

Original Hole



Cheryl Weston

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From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>  
Sent: Friday, August 16, 2024 9:29 AM  
To: Jackson Lancaster; Rennick, Kenneth G  
Cc: Lisa Helper; Austin Harrison; Glory Kamat; Sikandar Khan; Trey Misuraca; Hayden Moser; Caroline Bomer - (C); Griffin Selby; Cheryl Weston; Mandi Walker; Jose Morales  
Subject: RE: [EXTERNAL] Perforation Request: Calloway 1M (API:3004535630)

**CAUTION:** External sender. DO NOT open links or attachments from UNKNOWN senders.

NMOCD approves to continue with completion through Dakota perforations from 6863 to 7085 and MV perforations from 4745 to 5067

Thank you

Monica Kuehling  
Compliance Officer Supervisor  
Deputy Oil and Gas Inspector  
New Mexico Oil Conservation Division  
North District  
Office Phone: 505-334-6178 ext. 123  
Cell Phone: 505-320-0243  
Email - monica.kuehling@emnrd.nm.gov

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From: Jackson Lancaster <Jackson.Lancaster@hilcorp.com>  
Sent: Thursday, August 15, 2024 11:18 AM  
To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Rennick, Kenneth G <krennick@blm.gov>  
Cc: Lisa Helper <lhelper@hilcorp.com>; Austin Harrison <aharrison@hilcorp.com>; Glory Kamat <Glory.Kamat@hilcorp.com>; Sikandar Khan <Sikandar.Khan@hilcorp.com>; Trey Misuraca <Trey.Misuraca@hilcorp.com>; Hayden Moser <Hayden.Moser@hilcorp.com>; Caroline Bomer - (C) <Caroline.Bomer@hilcorp.com>; Griffin Selby <Griffin.Selby@hilcorp.com>; Cheryl Weston <cweston@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com>; Jose Morales <jomorales@hilcorp.com>  
Subject: [EXTERNAL] Perforation Request: Calloway 1M (API:3004535630)

**CAUTION:** This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Monica/Kenny,

Please see the attached RBL for the Calloway 1M. We would like to request permission to perforate the Dakota interval( 6,863'-7085') along with the Point Lookout(4,745'-5,067') portion of the Mesaverde. The RBL shows to have sufficient cement coverage for both of these intervals.

Upon inspection of the RBL, we will have to perform remedial cement work to be able to perforate the Menefee portion of the Mesaverde in this well. We will be working to accomplish this once these other sections have been perforated.

Thanks,

Jackson Lancaster  
SJN Ops Engineer  
Hilcorp Energy Company  
Office: 713-289-2629  
Cell: 432-413-4109

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**District I**  
 1625 N. French Dr., Hobbs, NM 88240  
 Phone:(575) 393-6161 Fax:(575) 393-0720

**District II**  
 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**

ACKNOWLEDGMENTS

Action 389178

**ACKNOWLEDGMENTS**

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 389178
	Action Type: [C-104] Completion Packet - New Well (C-104NW)

**ACKNOWLEDGMENTS**

<input checked="" type="checkbox"/>	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
<input checked="" type="checkbox"/>	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.
<input checked="" type="checkbox"/>	I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

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CONDITIONS

Action 389178

**CONDITIONS**

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 389178
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**CONDITIONS**

Created By	Condition	Condition Date
smcgrath	None	10/2/2024