

Santa Fe Main Office Phone: (505) 476-3441 Fax: (55) 476-3462 General Information Phone: (505) 629-6116 Online Phone Directory Visit: https://www.emnrd.nm.gov/ocd/contact-us/	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	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 type="checkbox"/> New Well (C-104NW) <input checked="" 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: Moore LS 2A	Property Code: 318819
Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal	API Number: 30-045-22827
Pool Name: BASIN FRUITLAND COAL	Pool Code: 71629

Section 2 – Surface Location

UL E	Section 26	Township 032N	Range 012W	Lot	Ft. from N/S 1645' North	Ft. from E/W 1090' West	Latitude 36.9598312	Longitude -108.070053	County SAN JUAN
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Section 3 – Completion Information

Producing Method Flowing	Ready Date 6/9/2025	Perforations MD 2,357' – 2,822'	Perforations TVD 2,357' – 2,822'
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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): 468148	Communitization Agreement <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Surface Casing Action ID: Previous to system	Unit: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Intermediate 1 Casing Action ID: Previous to system	Compulsory Pooling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Intermediate 2 Casing Action ID: N/A	Down Hole Commingling: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No, Order No. DHC-5493
Production Casing Action ID: Previous to system	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: Previous to system	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): Y	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 Cherylene Weston	
Title: Operations Regulatory Tech Sr.	Date: 6/12/2025

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Property Name and Well Number: Moore LS 2A	Property Code: 318819
Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal	API Number: 30-045-22827
Pool Name: BLANCO PICURED CLIFFS	Pool Code: 72359

Section 2 – Surface Location

UL E	Section 26	Township 032N	Range 012W	Lot	Ft. from N/S 1645' North	Ft. from E/W 1090' West	Latitude 36.9598312	Longitude -108.070053	County SAN JUAN
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Section 3 – Completion Information

Producing Method Flowing	Ready Date 6/9/2025	Perforations MD 2,831' – 2,993'	Perforations TVD 2,831' – 2,993'
-----------------------------	------------------------	------------------------------------	-------------------------------------

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): 468150	Communitization Agreement <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Surface Casing Action ID: Previous to system	Unit: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Intermediate 1 Casing Action ID: Previous to system	Compulsory Pooling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Intermediate 2 Casing Action ID: N/A	Down Hole Commingling: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No, Order No. DHC-5493
Production Casing Action ID: Previous to system	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: Previous to system	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): Y	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 Cherylene Weston	
Title: Operations Regulatory Tech Sr.	Date: 6/12/2025

Cheryl Weston

From: blm-afmss-notifications@blm.gov
Sent: Thursday, June 12, 2025 11:50 AM
To: Cheryl Weston
Subject: [EXTERNAL] Well Name: MOORE LS, Well Number: 2A, Notification of Well Completion Acceptance

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

The Bureau of Land Management

Notice of Acceptance for Well Completion Report

- Operator Name: **HILCORP ENERGY COMPANY**
- Well Name: **MOORE LS**
- Well Number: **2A**
- US Well Number: **3004522827**
- Well Completion Report Id: **WCR2025061295818**

This notification is automatically generated. Please do not reply to this message as this account is not monitored.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2018

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☒ Diff. Resvr.,
Other: RECOMPLETE

2. Name of Operator

Hilcorp Energy Company

3. Address

382 Rd 3100, Aztec NM 87410

3a. Phone No. (include area code)

(505) 333-1700

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface Unit E (SWNW), 1645' FNL & 1090' FWL

At top prod. Interval reported below

At total depth

14. Date Spudded
5/26/197815. Date T.D. Reached
6/2/197816. Date Completed 6/9/2025
☐ D & A ☒ Ready to Prod.17. Elevations (DF, RKB, RT, GL)*
6,371'

18. Total Depth: 5,568'

19. Plug Back T.D. 4,527'

20. Depth Bridge Plug Set: MD 4,527'
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

CBL

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled
13 3/4"	9 5/8" K-55	36#	0	226'	n/a	224 cf			
8 3/4"	7" K-55	20#	2200	3,199'	n/a	353 cf			
8 3/4"	4 1/2" KS	10.5#	3045	5,568'	n/a	439 cf			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"	3,066'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Fruitland Sand	2,357'	2,517'	2 SPF	0.35"	134	open
B) Fruitland Coal	2,531'	2,717'	4 SPF	0.35"	328	open
C) Fruitland Sand	2,724'	2,822'	2 SPF	0.35"	106	open
D)						
TOTAL					568	

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
2357-2517	Frac @ 70 bpm w/ 70Q N2 foam, 26,922 gal slickwater, 67,366# sand & 573,000 SCF N2
2531-2717	Frac @ 70 bpm w/ 70Q N2 foam, 38,850 gal slickwater, 99,317# sand & 939,000 SCF N2
2724-2822	Frac @ 70 bpm w/ 70Q N2 foam, 38,580 gal slickwater, 45,589# sand & 427,000 SCF N2

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
6/9/2025	6/9/2025	4	➡	0	63	0	n/a	n/a	Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
22/64"	0	810 psi	➡	0	378	0	n/a	Producing	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			➡						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			➡						

*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			➡						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			➡						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			➡						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			➡						

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

Sold

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem test, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Ojo Alamo	1,650'	1780'	White, cr-gr ss	Ojo Alamo	1,650'
Kirtland	1,780'	2335'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1,780'
Fruitland	2,335'	2831'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2,335'
Pictured Cliffs	2,831'	3000'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2,831'
Lewis	3,000'		Shale w/ siltstone stingers	Lewis	
Huerfanito Bentonite			White, waxy chalky bentonite	Huerfanito Bentonite	
Chacra		4053'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	
Cliff House	4,053'		Light gry, med-fine gr ss, carb sh & coal	Cliff House	4,053'
Menefee	4,668'	5135'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	
Point Lookout	5,135'		Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5,135'
Mancos			Dark gry carb sh.	Mancos	
Gallup			Lt. gry to brn calc carb micac gluc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	
Greenhorn			Highly calc gry sh w/ thin lmst.	Greenhorn	
Graneros			Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	
Dakota			Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	

32. Additional remarks (include plugging procedure):

This well is currently producing as a FRC/PC commingle on DHC-5493. The MV was TA'd.

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Cherylene WestonTitle Operations/Regulatory TechnicianSignature Cherylene WestonDate 6/12/2025

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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2018

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☒ Diff. Resvr.,
Other: RECOMPLETE

2. Name of Operator

Hilcorp Energy Company

3. Address

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4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface Unit E (SWNW), 1645' FNL & 1090' FWL

At top prod. Interval reported below

At total depth

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5/26/197815. Date T.D. Reached
6/2/197816. Date Completed 6/9/2025
☐ D & A ☒ Ready to Prod.17. Elevations (DF, RKB, RT, GL)*
6,371'

18. Total Depth: 5,568'

19. Plug Back T.D.: 4,527'

20. Depth Bridge Plug Set: MD 4,527'
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

CBL

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled
13 3/4"	9 5/8" K-55	36#	0	226'	n/a	224 cf			
8 3/4"	7" K-55	20#	2200	3,199'	n/a	353 cf			
8 3/4"	4 1/2" KS	10.5#	3045	5,568'	n/a	439 cf			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"	3,066'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Pictured Cliffs	2,831'	2,993'	2 SPF	0.35"	130	open
B)						
C)						
D)						
TOTAL					130	

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
2831-2993	Frac @ 70 bpm w/ 70Q N2 foam, 25,662 gal slickwater, 60,436# sand & 635,000 SCF N2
-	
-	

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
6/9/2025	6/9/2025	4	➡	0	58	0	n/a	n/a	Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
22/64"	0	810 psi	➡	0	348	0	n/a	Producing	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production ➡	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate ➡	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			➡						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			➡						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			➡						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			➡						

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

Sold

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem test, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Ojo Alamo	1,650'	1780'	White, cr-gr ss	Ojo Alamo	1,650'
Kirtland	1,780'	2335'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1,780'
Fruitland	2,335'	2831'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2,335'
Pictured Cliffs	2,831'	3000'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2,831'
Lewis	3,000'		Shale w/ siltstone stingers	Lewis	
Huerfano Bentonite			White, waxy chalky bentonite	Huerfano Bentonite	
Chacra		4053'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	
Cliff House	4,053'		Light gry, med-fine gr ss, carb sh & coal	Cliff House	4,053'
Menefee	4,668'	5135'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	
Point Lookout	5,135'		Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5,135'
Mancos			Dark gry carb sh.	Mancos	
Gallup			Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	
Greenhorn			Highly calc gry sh w/ thin lmst.	Greenhorn	
Graneros			Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	
Dakota			Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss	Morrison	

32. Additional remarks (include plugging procedure):

This well is currently producing as a FRC/PC commingle on DHC-5493. The MV was TA'd.

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Cherylene WestonTitle Operations/Regulatory TechnicianSignature Cherylene WestonDate 6/12/2025

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.

Well Name: MOORE LS

Well Location: T32N / R12W / SEC 26 /
SWNW / 36.95969 / -108.06947

County or Parish/State: SAN
JUAN / NM

Well Number: 2A

Type of Well: CONVENTIONAL GAS
WELL

Allottee or Tribe Name:

Lease Number: NMSF078147

Unit or CA Name:

Unit or CA Number:

US Well Number: 3004522827

Operator: HILCORP ENERGY
COMPANY

Subsequent Report

Sundry ID: 2857594

Type of Submission: Subsequent Report

Type of Action: Recompletion

Date Sundry Submitted: 06/11/2025

Time Sundry Submitted: 02:12

Date Operation Actually Began: 05/12/2025

Actual Procedure: The subject well was recompleted into the FRC/PC and is currently producing as FRC/PC commingle on DHC-5493. The Mesaverde has been temporarily abandoned. See attached reports.

SR Attachments

Actual Procedure

Moore_LS_2A_RC_Sundry_20250611141007.pdf

Released to Imaging: 6/17/2025 2:11:18 PM

Well Name: MOORE LS

Well Location: T32N / R12W / SEC 26 /
SWNW / 36.95969 / -108.06947

County or Parish/State: SAN
JUAN / NM

Well Number: 2A

Type of Well: CONVENTIONAL GAS
WELL

Allottee or Tribe Name:

Lease Number: NMSF078147

Unit or CA Name:

Unit or CA Number:

US Well Number: 3004522827

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: CHERYLENE WESTON

Signed on: JUN 11, 2025 02:10 PM

Name: HILCORP ENERGY COMPANY

Title: Operations/Regulatory Tech - Sr

Street Address: 1111 TRAVIS STREET

City: HOUSTON

State: TX

Phone: (713) 289-2615

Email address: CWESTON@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 Phone: 5055647742

Disposition: Accepted

Signature: Kenneth Rennick

BLM POC Title: Petroleum Engineer

BLM POC Email Address: krennick@blm.gov

Disposition Date: 06/12/2025

Released to Imaging: 6/17/2025 2:11



Well Operations Summary L48

Well Name: MOORE LS 2A

API: 3004522827

Field: MV

State: NEW MEXICO

Permit to Drill (PTD) #:

Sundry #:

Rig/Service: RIO 22

Jobs

Actual Start Date: 5/12/2025

End Date:

Report Number 1	Report Start Date 5/12/2025	Report End Date 5/12/2025
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Operation

RIG CREW TRAVELED TO THE MOORE LS 7A

MOVE RIG TO THE MOORE LS 2A. RIG WAS STUCK SEVERAL TIMES GETTING TO LOCATION. NOT MUD JUST WASHOUTS.

SAFETY MEETING WITH CREW. TOOK PRESSURES ON WELL. SICP 30 PSI. SITP 0 PSI. SIBH 0 PSI. BDW IN 2 MINUTES.

RIG UP RIG AND SUPPORT EQUIPMENT.

ND WH. NU BOP AND FUNCTION TEST.

ATTEMPT TO PULL TUBING HANGER TO THE RIG FLOOR. STRING WEIGHT AT 25K. PULLED 34K OVER. COULD NOT FREE TUBING UP. PUMPED 10 BBLs WATER DOWN THE BACKSIDE. CONTINUED TO WORK TUBING WITH NO SUCCESS. STRETCH CALCULATION SHOWS WE ARE STUCK AT @5000'. TUBING LANDED AT 5201'. WIRELINE TAGGED FILL AT 5515' WHEN PLUNGER WAS PULLED. PERFS FROM 5116' TO 5313'. POSSIBLE SCALE BRIDGE. DECISION MADE TO PUMP ACID CASING.

RIG UP JACAM. PUMP 330 GALLONS OF 15% HCL ACID DOWN CASING. FOLLOVED BY A 20 GALLON WATER FLUSH.

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

TRAVEL TO YARD.

Report Number 2	Report Start Date 5/13/2025	Report End Date 5/13/2025
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Operation

RIG CREW TRAVEL TO LOCATION.

SAFETY MEETING. CHECK WH PRESSURES. SICP 0. SITP 0. SIBHP 0 PSI. BLOW WELL DOWN IN 2 MINUTES.

WORKED TUBING THIS MORNING. TUBING WAS NOT FREE FROM ACID WORK THE DAY PRIOR. STRING WEIGHT 25K. PULLED UP TO 34K OVER STRING WEIGHT. COULD NOT WORK IT FREE. RIG UP TWG FOR FREE POINT AND CUT OPS. RIH WITH FREE POINT TOOL. DETERMINED TBG IS 92% FREE AT 4520' AND 0% FREE AT 4680'. DECISION MADE TO CHEMICAL CUT AT 4500'. POOH WITH FREE POINT TOOL. RUN IN THE HOLE WITH CHEMICAL CUTTER. PUMP 16 BBLs WATER DOWN 2-3/8" TUBING. GET ON DEPTH. MAKE CUT AT 4500'. TUBING FREE. POOH WITH WIRELINE EQUIPMENT. RIG DOWN THE WIRELINE GROUP.

RIG UP PREMEIR. SCAN 2-3/8" TUBING OUT OF THE HOLE FROMA DEPTH OF 4500'. WE HAVE @ 700' OF 2-3/8" TUBING IN THE HOLE THAT NEEDS TO BE RECOVERED. 142 JOINTS SCANNED. 89 LAYED DOWN DUE TO CORROSION AND PITTING. SEEN LIGHT SCALE ON JOINT 142. SCAN WENT AS FOLLOWS 77 RED. 3 GREEN. 9 BLUE. 53 YELLOW.

PICK UP FISHING BHA AS FOLLOWS AND TRIP IN THE HOLE. 3 3/4" OVER SHOT WITH A 2 3/8" GRAPPLE. 3 1/8" STRING FLOAT. 3 1/8" BUMPER SUB. 3 1/8" BOWEN JARS. SIX 3 1/8" DRILL COLLARS. 3 1/8" BOWEN INTENSIFIER. 2 3/8" CHANGE OVER AND 26 STANDS OF 2-3/8" YB TUBING TO 1863'.

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

TRAVEL TO YARD.

Report Number 3	Report Start Date 5/13/2025	Report End Date 5/14/2025
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Operation

RIG CREW TRAVELED TO LOCATION.

SAFETY MEETING. CHECK WH PRESSURES. SICP 55 PSI. SITP 50 PSI. SIBHP 0 PSI. BLOW DOWN WELL IN 2 MINUTES. SWAP OUT TUBING TRAILERS.

RECEIVED 129 JOINTS OF 2-3/8" WB TUBING. TALLY. PICK UP AND TRIP IN THE HOLE FROM 1863' TO FISH AT 4500' WITH 137 JOINTS OF 2-3/8" TUBING. ENGAGE FISH.

START FISHING OPERATIONS. JARRING ON FISH AT 4500'. SET JARS OFF AND WORKED TUBING FOR 4 HOURS. TUBING CAME FREE.

TRIP OUT OF THE HOLE WITH FISH. LAYED 22 JOINTS OF TBG DOWN. SCALE STARTING ON TUBING AT 4680' TO LAST JOINT AT 5201'. TIH WITH 6 DRILL COLLARS. TOOH LAYING THEM DOWN ON PIPE TRAILER. LAY DOWN FISHING EQUIPMENT AS WELL.

ROUND TRIP 6-1/4' BIT AND SCRAPER TO LINER TOP AT 3045'.

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

TRAVEL TO YARD. **5/14/2025-OBTAINED BLM/OCD VERBAL/E-MAIL APPROVAL TO SET CIBP @ 4527' TO TA THE MESAVERDE FORMATION.**

Report Number 4	Report Start Date 5/15/2025	Report End Date 5/15/2025
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Operation

TRAVEL TO LOCATION

SAFETY MEETING. CHECK WH PRESSURES. SICP 60 PSI. SITP N/A. SIBHP 0 PSI. BDW IN 3 MINUTES.

ROUND TRIP 3-7/8" JUNK MILL TO 4600'.

TRIP IN THE HOLE WITH THE **4-1/2" CIBP SET AT 4527'**.

LOAD AND ROLE HOLE WITH 145 BBLs OF WATER. TEST CASING TO 500 PSI. LOST 200 PSI IN 4 MINUTES. RAN TEST MULTIPLE TIMES. SAME RESULT.

TRIP OUT OF THE HOLE WITH TUBING AND SETTING TOOL.

TRIP IN THE HOLE WITH 4-1/2" PACKER AND SET AT 3070'. TEST 4-1/2" CASING FROM CIBP AT 4527' TO 3070'. LINER TOP AT 3045'. TESTED GOOD TO 560 PSI FOR 10 MINUTES. RELEASE PACKER. PULL UP INTO 7" CASING WITH 4-1/2" PACKER. PICK UP 7" PACKER. SET 30' BELOW SURFACE. TESTED TO WH. GOOD TEST TO 540 PSI. RELEASE AND LAY DOWN 7" PACKER. TOOH WITH 4-1/2" PACKER. TRIP IN THE HOLE WITH 7" PACKER. SET AT 3007" TEST TO 4527'. GOOD TEST 585 PSI. RELEASE PACKER PULL UP HOLE AND SET AT 2976'. TEST GOOD TO 600 PSI. RELEASE PACKER. PULL UP HOLE AND SET PACKER AT 2537'. TESTED GOOD TO 575 PSI. CASING TESTED GOOD FROM 2537' TO CIBP AT 4527'. RELEASE PACKER,

SHUT WELL IN SECURE LOCATION.

TRAVEL TO YARD.

Report Number 5	Report Start Date 5/16/2025	Report End Date 5/16/2025
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WellViewAdmin@hilcorp.com



Well Operations Summary L48

Well Name: MOORE LS 2A

API: 3004522827

Field: MV

State: NEW MEXICO

Sundry #:

Rig/Service: RIO 22

Operation

RIG CREW TRAVEL TO LOCATION.

SAFETY MEETING. CHECK WH PRESSURES. SICP 0. SITP 0. SIBHP 0. NO BLOW DOWN REQUIRED. CIBP ABOVE PERFS.

TRIP UP HOLE WITH 7" PACKER. SET AT 1909'. PRESSURE TEST CSG FROM 1909' TO CIBP AT 4527'. 600 PSI TEST GOOD. RELEASE PACKER. PULL UP HOLE TO 1281'. TEST GOOD TO 600 PSI. RELEASE PACKER. PULL HOLE TO 647' AND SET PACKER. TEST FROM 647' TO 4527'. TEST GOOD TO 570 PSI. RELEASE PACKER. MOVE UP HOLE TO 328'. **TEST CSING TO 540 PSI. LOST 200 PSI. IN 3 MINUTES.** TEST CASING FROM 328' TO SURFACE TO 600 PSI. TEST GOOD. RELEASE PACKER. TIH AND SET **AT 518'. LEAKED ABOVE AND BELOW.** RELEASE AND RESET PACKER AT 582' TEST DOWN TUBING TO CIBP AT 4527'. GOOD TEST TO 600 PSI. RESET **PACKER 551'. TEST DOWN TUBING. PRESSURE UP TO 260 PSI. WENT TO 0 IN 1 MINUTE.** RESET PACKER AT 486'. PACKER APPEARS TO BE LEAKING. RELEASE PACKER. TOOHP WITH IT. RIH WITH NEW PACKER. SET AT 489'. DID NOT TEST. RESET AT 456'. TEST CASING ON BACKSIDE. DID NOT TEST. TOOHP 393'. TEST GOOD TO SURFACE AT 570 PSI. TIH TO 424' NO TEST. **LEAK IS BETWEEN 393' AND 583'.** BOTTOM HOLE IS BETWEEN 551' AND 583'. TOP IS BETWEEN 393' AND 424'. RELEASE PACKER. TOOHP.

RIG UP TWG. RUN **CBL FROM LINER TOP AT 3045' TO SURFACE. GOOD CEMENT FROM 3045' TO 2174'.** NOI FROM 2537' TO 2996'. RIG DOWN WIRELINE. **5/16/2025-OBTAINED BLM/OCD VERBAL/E-MAIL APPVL TO RUN 4.5" CSG TO TOP OF 4.5" LINER, TIE-BACK & CIRC CMT TO SURFACE.**

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

TRAVEL TO YARD.

Report Number
6Report Start Date
5/20/2025Report End Date
5/20/2025

Operation

RIG CREW TRAVELED TO LOCATION.

SAFETY MEETING WITH CREW. CHECK PRESSURES ON WELL. SICP 0. SITP 0. SIBHP 0. NO BLOW DOWN TODAY.

ND BOP AND WH. WELD 7" CASING STUB UP. INSTALL NEW WELLHEAD. TEST TO 1300 PSI GOOD. NU BOP

TALLY AND TRIP IN THE HOLE WITH 4" GUIDE/BULLET. 10'X 4-1/2" PUP JOINT. 4-1/2" FLOAT COLLAR AND **72 JOINTS OF 4-1/2", 11.6# J-55 CASING-LANDED AT 3045' IN THE LINER TOP** AT 3045' CASING SLIPS LANDED WITH 29K COMPRESSION.

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

TRAVEL TO YARD.

Report Number
7Report Start Date
5/21/2025Report End Date
5/21/2025

Operation

RIG CREW TRAVELED TO LOCATION.

SAFETY MEETING WITH CREW. CHECK PRESSURES ON WELL. SICP 0. SITP 0. SIBHP 0. NO BLOW DOWN TODAY.

RU DRAKE CEMENTING SERVICES. BREAK CIRCULATION. PUMP CEMENT JOB. RAN OUT OF CEMENT SHORT OF JOB TOTAL. CIRCULATE OUT 57 BBLS OF CEMENT TO CEMENT PIT. WAIT ON CEMENT, WATER, AND NEW WASH UP PIT. SPOT IN NEW EQUIP. PRIME UP PUMP TRUCK.

PUMP TRUCK BROKE DOWN. RIG DOWN PUMP TRUCK. WAIT ON REPLACEMENT TRUCK FROM TOWN.

SPOT IN AND RU DRAKE ENERGY. PSI TEST SURFACE LINES TO 2000 PSI.

PUMP CEMENT IN 4-1/2" X 7" ANNULUS

300 SXS TOTAL. 73 BBLS SLURRY 14.6 PPG. TYPE 3 CEMENT. 1.37 YIELD. 47 BBLS OF MIX WATER. DISPLACE W/ 47 BBLS FRESH WATER. BUMPED WIPER PLUG @ 2200 PSI. 7 BBLS OF CEMENT TO SURFACE.

RD DRAKE ENERGY SERVICE.

ND BOP. CUT OFF 4-1/2" CASING. INSTALL TBG HEAD. NU BOP.

PU 3-7/8" JUNK MILL. TIH TO ~2000'.

Report Number
8Report Start Date
5/22/2025Report End Date
5/22/2025

Operation

TRAVEL TO LOCATION.

SAFETY MEETING. CHECK PRESSURES. SICP 0. SITP 0. SIBHP 0. NO BLOW DOWN TODAY.

TRIP IN THE HOLE FROM 1906' TO TAG DEPTH OF 3004' WITH 3-7/8" JUNK MILL. RIG UP POWER SWIVEL.

ESTABLISH CIRCULATION WITH RIG PUMP. MILL OUT CEMENT STRINGER FROM 3004' TO 3032'. MILL UP WIPER PLUG. FLOAT COLLAR . AND SILVER BULLET GUIDE INSIDE OF LINER TOP AT 3045. TRIP IN HOLE TO 3129'. THIS IS 84' BELOW LINER TOP. 4-1/2" CASING IS ALL CLEAR. PRESSURE TEST 4 -1/2" CASING TO 500 PSI. TEST GOOD.

TRIP OUT OF THE HOLE LAYING DOWN 3129' OF 2-3/8" TUBING AND THE 3-7/8" JUNK MILL.

ND BOP. NU 10K FRAC STACK. NO FALSE BOTTOM HANGER INSTALLED. TOP OFF 4-1/2" CASING.

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

TRAVEL TO YARD.



Well Operations Summary L48

Well Name: MOORE LS 2A

API: 3004522827

Field: MV

State: NEW MEXICO

Permit to Drill (PTD) #:

Sundry #:

Rig/Service: RIO 22

Jobs

Actual Start Date: 5/12/2025

End Date:

Report Number
9

Report Start Date
5/23/2025

Report End Date
5/23/2025

Operation

TRAVEL TO LOCATION.

SAFETY MEETING. SICP 0. SITP N/A. SIBH 0. NO BLOW DOWN TODAY. PERFS ISOALTED WITH 2 BARRIERS.

RIG UP TWG. **RUN CNL FROM 3120' TO 300'**. HOLE STANDING FULL OF FLUID.

RIG UP WELLCHECK. OCD INSPECTOR JOHN DURHAM ON LOCATION. **CONDUCT CHARTED MIT TEST TO 560 PSI FOR 30 MINUTES. JOHN DURHAM WITH THE OCD PASSED THE MIT.**

RUN IN THE HOLE AND **SET 4-1/2"CBP AT 3015'**. DEPTH APPROVED BY TYLER PORTWOOD. PULL OUT OF THE HOLE AND RIG DOWN TWG.

PRESSURE TEST CASING FROM CBP AT 3015 TO SURFACE AT 3000 PSI. TEST WAS CHARTED AND GOOD.

RIG DOWN RIG AND SUPPORT EQUIPMENT. WELL IS SHUT IN AND READY FOR FRAC.

Report Number
10

Report Start Date
6/5/2025

Report End Date
6/5/2025

Operation

MOVE IN SPOT AND R/U GORE N2 AND TWG WRLN.

RIH, **PERF PICTURED CLIFFS FROM 2831'-2993' WITH 130 SHOTS, 0.35" DIA**, 3-1/8" WELLMATICS GUN, 2 SPF 180 DEGREE PHASING AT:

2831'-2834',
2837'-2843',
2848'-2876',
2881'-2901',
2905', 2911', 2915', 2922', 2934', 2938', 2955', 2959', 2966', 2970',
2983'-2985',
2993'

ALL SHOTS FIRED. IN 3 RUNS.

POH. R/D WRLN LUBRICATOR.

COOL DOWN AND PRIME EQUIPMENT. PRESSURE TEST FLUID LINES TO 3500 PSI. GOOD TEST. PRESSURE TEST N2 LINES TO 3500 PSI. GOOD TEST.

HELD PRE JOB SAFETY MEETING WITH ALL PERSONAL ON LOCATION.

PICTURED CLIFFS STIMULATION: (2831' TO 2993')

FRAC AT 70 BPM W/ 70Q N2 FOAM
TOTAL LOAD: 623 BBLS
SLICKWATER: 611 BBLS
TOTAL ACID: 12 BBLS
TOTAL 30/50 SAND: 60,436 LBS
TOTAL N2: 635,000 SCF
AVERAGE RATE: 70.2 BPM
MAX RATE: 71.9 BPM
AVERAGE PRESSURE: 2,012 PSI
MAX PRESSURE: 2,091 PSI
MAX SAND CONC: 2.5 PPG DOWNHOLE
ISIP: 809 PSI

DROPPED 65 (7/8") RCN BALLS FOR DIVERSION IN BETWEEN SAND STAGES.

RIH W/ WRLN AND **SET CBP AT 2826'**.

RIH, **PERF FRUITLAND SAND AT 2724'-2822' WITH 106 SHOTS, 0.35" DIA**, 3-1/8" WELLMATICS GUN, 2 SPF 180 DEGREE PHASING AT:

2724'-2733'
2748'-2757'
2762'- 2774'
2780'-2782'
2795'-2811'
2817'-2822'

ALL SHOTS FIRED. IN 2 RUNS.

POH. R/D WRLN LUBRICATOR.



Well Operations Summary L48

Well Name: MOORE LS 2A

API: 3004522827

Field: MV

State: NEW MEXICO

Sundry #:

Rig/Service: RIO 22

Operation

FRUITLAND SAND STIMULATION: (2724' TO 2822')

FRAC AT 70 BPM W/ 70Q N2 FOAM
TOTAL LOAD: 416 BBLS
SLICKWATER: 402 BBLS
TOTAL ACID: 12 BBLS
TOTAL 30/50 SAND: 45,589 LBS
TOTAL N2: 427,000 SCF
AVERAGE RATE: 70.1 BPM
MAX RATE: 70.9 BPM
AVERAGE PRESSURE: 2,137 PSI
MAX PRESSURE: 2,768 PSI
MAX SAND CONC: 2.5 PPG DOWNHOLE
ISIP: 869 PSI

RIH W/ WRLN AND SET CBP AT 2721'.

RIH, PERF FRUITLAND COAL AT 2531'-2717' WITH 328 SHOTS, 0.35" DIA, 3-1/8" WELLMATICS GUN, 4 SPF 90 DEGREE PHASING AT:

2531'-2535'
2575'-2587'
2601'-2618'
2625'-2633'
2648'-2661'
2665'-2673'
2678'-2684'
2697'-2702'
2708'-2717'

ALL SHOTS FIRED. IN 3 RUNS.

POH. R/D WRLN LUBRICATOR.

FRUITLAND COAL STIMULATION: (2531' TO 2717')

FRAC AT 70 BPM W/ 70Q N2 FOAM
TOTAL LOAD: 937 BBLS
SLICKWATER: 925 BBLS
TOTAL ACID: 12 BBLS
TOTAL 100 MESH SAND: 9,133 LBS
TOTAL 30/50 SAND: 90,184 LBS
TOTAL N2: 939,000 SCF
AVERAGE RATE: 70.6 BPM
MAX RATE: 72.1 BPM
AVERAGE PRESSURE: 1,924 PSI
MAX PRESSURE: 2,057 PSI
MAX SAND CONC: 2.5 PPG DOWNHOLE
ISIP: 1166 PSI

DROPPED 164 (7/8") RCN BALLS FOR DIVERSION IN BETWEEN SAND STAGES.

RIH W/ WRLN AND SET CBP AT 2528'.

RIH, PERF FRUITLAND SAND AT 2357'-2517' WITH 134 SHOTS, 0.35" DIA, 3-1/8" WELLMATICS GUN, 2 SPF 180 DEGREE PHASING AT:

2357'-2367'
2399'-2406'
2414'-2431'
2475'-2496'
2505'-2517'

ALL SHOTS FIRED. IN 2 RUNS.

POH. R/D WRLN LUBRICATOR.



Well Operations Summary L48

Well Name: MOORE LS 2A

API: 3004522827

Field: MV

State: NEW MEXICO

Sundry #:

Rig/Service: RIO 22

Operation

FRUITLAND SAND STIMULATION: (2357' TO 2517')

FRAC AT 70 BPM W/ 70Q N2 FOAM
 TOTAL LOAD: 653 BBLS
 SLICKWATER: 641 BBLS
 TOTAL ACID: 12 BBLS
 TOTAL 30/50 SAND: 67,366 LBS
 TOTAL N2: 573,000 SCF
 AVERAGE RATE: 69.0 BPM
 MAX RATE: 70.9 BPM
 AVERAGE PRESSURE: 2,222 PSI
 MAX PRESSURE: 2,936 PSI
 MAX SAND CONC: 2.5 PPG DOWNHOLE
 ISIP: 1,497 PSI

DROPPED 67 (7/8") RCN BALLS FOR DIVERSION IN BETWEEN SAND STAGES.

RIH AND **SET CBP AT 2290'**. POH. BLEED DOWN 4-1/2" CASING.

RIG DOWN FRAC, N2 AND WIRELINE EQUIPMENT.

Report Number
11Report Start Date
6/6/2025Report End Date
6/6/2025

Operation

RIG CREW TRAVEL TO REID A1E.

MOVE RIG AND SUPPORT EQUIPMENT TO THE MOORE LS2A.

RIG UP RIG AND SUPPORT EQUIPMENT. PRE JOB SAFETY MEETING.

CHECK PRESSURES ON WELL. SICP 0. SITP N/A. SIBHP 0. SIINTP 0. ND 10K FRAC STACK. INSTALL HANGER AND TWC IN WH. NU BOP. TURN CASING VALVE HANDLES FACING NORTH. RU WELLCHECK. PRESSURE TEST BOP PIPE AND BLIND RAMS TO 250 PSI LOW AND 2500 PSI HIGH. TEST CHARTED AND GOOD.

MAKE UP 3-7/8" TWISTER BIT BHA. TALLY. PU AND TIH WITH 3-7/8" BIT. SIX 3-1/8" DRILL COLLARS AND 2-3/8" TUBING TO KILL PLUG 2290' WITH 67 JOINTS.

RIG UP SWIVEL. ESTABLISH CIRCULATION WITH RIG PUMP. **DRILL UP PLUG#1 AT 2290'** WITH WATER. OPENED PLUG UP IN @ 10 MINUTES. WELL UNLOADED HOLE. SHUT RIG PUMP DOWN. SWITCHED TO AIR UNIT AT 1200 CFM AND 12 BBL PER HOUR AIR FOAM MIST. DRILLED UP CBP#1. SHUT AIR UNIT DOWN. TIH TO CBP#2 AT 2528'. BRING ON AIR FOAM MIST. **MILL UP CBP AT 2528'**. CLEAN OUT TO 2550'. WELL UNLOADING HEAVY WATER RETURNS. SAND AT 1/4 CUP TO A 1 CUP PER 5 GALLON BUCKET TEST. SHUT AIR DOWN. TRIP OUT OF THE HOLE TO 2266'.

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

TRAVEL TO YARD

Report Number
12Report Start Date
6/7/2025Report End Date
6/7/2025

Operation

RIG CREW TRAVEL TO LOCATION

SAFETY MEETING ON TODAYS OPERATION. CHECK WH PRESSURES. SICP 1200. SITP 0. SIBHP 0. SIINTP 0. BLOW WELL DOWN TO A STEADY BLOW IN 10 MINUTES.

TRIP IN THE HOLE FROM 2266' WITH 2-3/8" TUBING AND THE 3-7/8" TWISTER BIT TO CBP#3 AT 2721'. RIG UP SWIVEL.

BRING ON AIR UNIT AT 12 BBL PER HOUR AIR FOAM MIST. **DRILL UP CBP #3 AT 2721'**. SAND RETURNS MINIMAL. SHUT AIR DOWN. TIH TO CBP#4 AT 2826. BRING ON 12 BBL HOUT AIR FOAM MIST. **MILL UP CBP #4**. WELL MAKING TRACE OF SAND. SHUT AIR UNIT DOWN. TRIP IN THE HOLE TO CBP#5 AT 3015'. BRING ON AIR FOAM MIST. MILL UP SAME. WELL MAKING TRACE OF SAND WITH HEAVY WATER RETURNS. SHUT AIR UNIT DOWN. TRIP IN THE HOLE TO CIBP AT 4527' TAG UP.

TRIP OUT OF THE HOLE WITH 42 JNTS OF TUBING LAYING DOWN ON PIPE TRAILER. THEN TRIP OUT STANDING BACK 48 STANDS OF TUBING AND LAYED DOWN SIX 3-1/8" DRILL COLLARS WITH TWISTER BIT.

TRIP IN THE HOLE WITH 30' X 2-3/8" PRCE TYPE MUD ANCHOR. 1.78 ID SEATING NIPPLE, **96 JTS 2-3/8" 4.7#, J-55 TUBING** AND 7-1/16" TUBING HANGER. TUBING **LANDED AT 3066'**. SEATING NIPPLE AT A DEPTH OF 3035'. **CIBP AT 4527'**. BOTTOM PERF AT 2993'.

NIPPLE DOWN BOP. NU B1.

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

TRAVEL TO YARD.

Report Number
13Report Start Date
6/8/2025Report End Date
6/8/2025

Operation

SAFETY MEETING ON TODAYS OPS. CHECK WH PSI'S. SICP 910. SITP 910. SIBHP 0. SIINTP 0. BLOW WELL DOWN TO A STEADY BLOW IN 15 MINUTES.

RIG CREW TRAVELED TO LOCATION.

PUMP A 10 BBL FLUSH DOWN THE TUBING. BUCKET TEST ROD PUMP. TEST GOOD. TRIP IN THE HOLE WITH THE 2" X 1-1/4" X 9' X 13' RHAC-HVR PUMP (HIL 1186) 8' X 3/4" GUIDED PONY. 18K SHEAR TOOL. EIGHT 1-1/4" SINKER BARS. 112 -3/4" SLICK RODS. AND 22' POLISH ROD. LAND PUMP IN SEATING NIPPLE AT A DEPTH OF 3035'. LOAD HOLE WITH WATER. PRESSURE TEST TUBING TO 400 PSI. TEST GOOD. BLEED PRESSURE DOWN TO 100 PSI. STROKE PUMP WITH RIG. PRESSURE WENT FROM 100 PSI TO 350 PSI IN 4 STROKES. BLEED OFF PRESSURE. OPEN 2" VALVE ON PUMPING TEE. STROKE PUMP WITH RIG. WATER OUT TWO INCH. SHUT 2". SPACE OUT AND CLAMP OF POLISH ROD 6" ABOVE LIGHT TAG. SHUT WELL IN. NO PUMPING UNIT ON LOCATION. WELL MAKING MINIMAL WATER PRODUCTION TODAY WHILE RUNNING RODS AND PUMP.

RIG DOWN RIG AND SUPPORT EQUIPMENT. SECURE LOCATION. RIG OPS COMPLETE. TURN WELL OVER TO PRODUCTION. TRAVEL TO YARD.

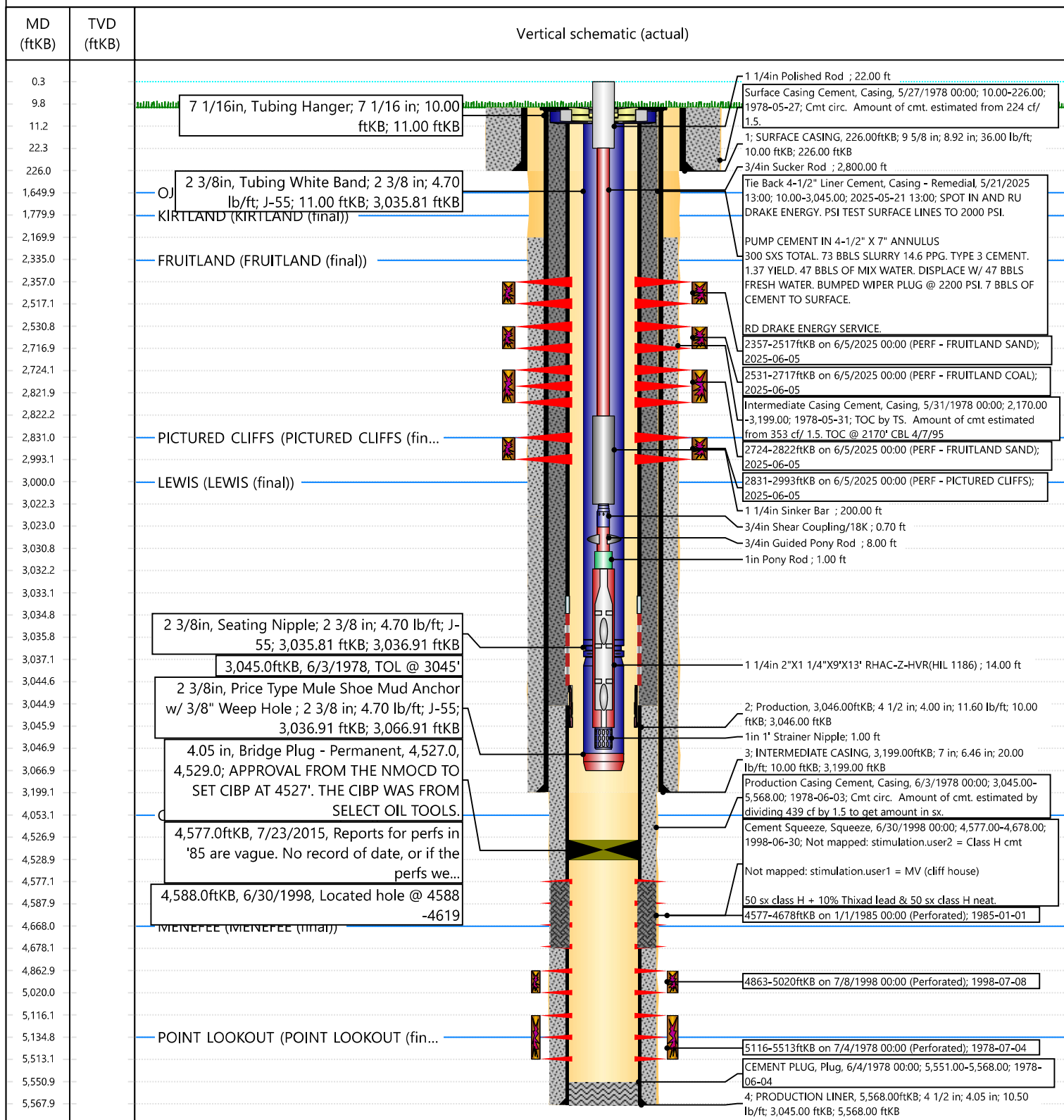


Current Schematic - Version 3

Well Name: MOORE LS 2A

API / UWI 3004522827	Surface Legal Location 026-032N-012W-E	Field Name MV	Route 0106	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,310.00	Original KB/RT Elevation (ft) 6,320.00	Tubing Hanger Elevation (ft)	RKB to GL (ft) 10.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)
Tubing Strings					
Run Date 6/7/2025 14:30	Set Depth (ftKB) 3,066.91	String Max Nominal OD (in) 2 3/8	String Min Nominal ID (in) 2.00	Weight/Length (lb/ft) 4.70	Original Spud Date 5/26/1978 00:00

Original Hole, MOORE LS 2A [Vertical]



Hileorp
30-045-22827
Sec 26 TWN 32N R16 12w

MIT CASING TEST

BRIDGE FROM RUG @

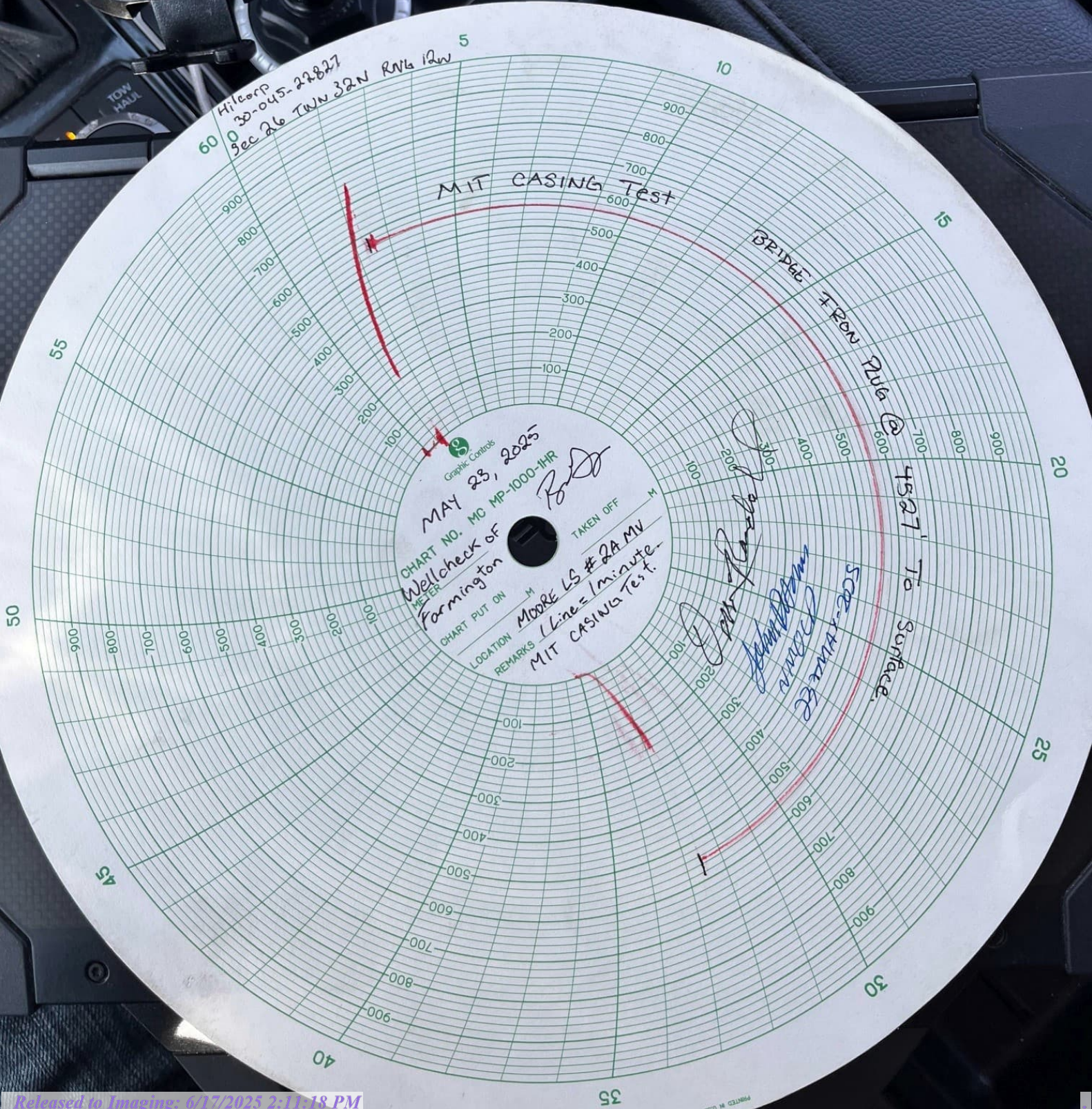
4527' TO Surface.

SCA-1 WHITE
DOWN
23 June 2025

MAY 23, 2025
CHART NO. MC MP-1000-IHR

Wellcheck of
Farmington

MOORE LS #2A MV
Line = 1 minute
MIT CASING Test.



Cheryl Weston

From: Rennick, Kenneth G <krennick@blm.gov>
Sent: Wednesday, May 14, 2025 5:48 PM
To: Kuehling, Monica, EMNRD; Tyler Portwood; Kade, Matthew H; Jackson Lancaster
Cc: Lisa Helper; Jacob Sanchez; Jose Morales; Cheryl Weston; Griffin Selby; Farmington
Regulatory Techs; Darren Randall - (C); Glory Kamat; Cameron Skelton
Subject: Re: [EXTERNAL] Moore LS 2A (API 3004522827) Revised Plug Depth

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

The BLM finds the proposed setting of the CIBP plug appropriate.

Kenneth (Kenny) Rennick

Petroleum Engineer

Bureau of Land Management
Farmington Field Office
6251 College Blvd
Farmington, NM 87402

Email: krennick@blm.gov
Mobile & Text: 505.497.0019

From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Sent: Wednesday, May 14, 2025 4:20 PM
To: Tyler Portwood <Tyler.Portwood@hilcorp.com>; Rennick, Kenneth G <krennick@blm.gov>; Kade, Matthew H <mkade@blm.gov>; Jackson Lancaster <Jackson.Lancaster@hilcorp.com>
Cc: Lisa Helper <lhelper@hilcorp.com>; Jacob Sanchez <Jacob.Sanchez@hilcorp.com>; Jose Morales <jomorales@hilcorp.com>; Cheryl Weston <cweston@hilcorp.com>; Griffin Selby <Griffin.Selby@hilcorp.com>; Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>; Darren Randall - (C) <Darren.Randall@hilcorp.com>; Glory Kamat <Glory.Kamat@hilcorp.com>; Jackson Lancaster <Jackson.Lancaster@hilcorp.com>; Cameron Skelton <Cameron.Skelton@hilcorp.com>
Subject: RE: [EXTERNAL] Moore LS 2A (API 3004522827) Revised Plug Depth

NMOCD approves with prior approval from the BLM

Thank you

Monica Kuehling
Compliance Officer Supervisor
Deputy Oil and Gas Inspector

New Mexico Oil Conservation Division
North District
Cell Phone: 505-320-0243
Email - monica.kuehling@emnrd.nm.gov

From: Tyler Portwood <Tyler.Portwood@hilcorp.com>
Sent: Wednesday, May 14, 2025 4:19 PM
To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Rennick, Kenneth G <krennick@blm.gov>; Kade, Matthew H <mkade@blm.gov>; Jackson Lancaster <Jackson.Lancaster@hilcorp.com>
Cc: Lisa Helper <lhelper@hilcorp.com>; Jacob Sanchez <Jacob.Sanchez@hilcorp.com>; Jose Morales <jomorales@hilcorp.com>; Cheryl Weston <cweston@hilcorp.com>; Griffin Selby <Griffin.Selby@hilcorp.com>; Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>; Darren Randall - (C) <Darren.Randall@hilcorp.com>; Glory Kamat <Glory.Kamat@hilcorp.com>; Jackson Lancaster <Jackson.Lancaster@hilcorp.com>; Cameron Skelton <Cameron.Skelton@hilcorp.com>
Subject: [EXTERNAL] Moore LS 2A (API 3004522827) Revised Plug Depth

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Monica,

Per our phone conversation, our plan for the Moore LS 2A (API 3004522827) is to set the CIBP at a new proposed depth of 4527', which will be below the MV top of 4,053'. This will ensure total isolation of the MV perforations. We will recompleat up hole in the PC & FRC. Please let me know if you have any questions.

Thanks,

Tyler Portwood
SJN Operations Engineer
Hilcorp Energy Company
C: 817.343.3719

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Cheryl Weston

From: Rennick, Kenneth G <krennick@blm.gov>
Sent: Friday, May 16, 2025 4:52 PM
To: Rikala, Ward, EMNRD; Tyler Portwood; Kade, Matthew H
Cc: Kuehling, Monica, EMNRD; Farmington Regulatory Techs; Lisa Helper; Jacob Sanchez; Jose Morales; Jackson Lancaster; Cameron Skelton; Griffin Selby; Freddy Proctor; Kade, Matthew H; Cheryl Weston
Subject: Re: [EXTERNAL] Change of Plans - Moore LS 2A - API 3004522827

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

To confirm, the BLM finds the proposed procedure appropriate. Please include this email conversation with the subsequent report of work performed.

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From: Rikala, Ward, EMNRD <Ward.Rikala@emnrd.nm.gov>
Sent: Friday, May 16, 2025 3:18:45 PM
To: Tyler Portwood <Tyler.Portwood@hilcorp.com>; Rennick, Kenneth G <krennick@blm.gov>; Kade, Matthew H <mkade@blm.gov>
Cc: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>; Lisa Helper <lhelper@hilcorp.com>; Jacob Sanchez <Jacob.Sanchez@hilcorp.com>; Jose Morales <jomorales@hilcorp.com>; Jackson Lancaster <Jackson.Lancaster@hilcorp.com>; Cameron Skelton <Cameron.Skelton@hilcorp.com>; Griffin Selby <Griffin.Selby@hilcorp.com>; Cheryl Weston <cweston@hilcorp.com>; Freddy Proctor <fproctor@hilcorp.com>
Subject: RE: [EXTERNAL] Change of Plans - Moore LS 2A - API 3004522827

Approved.

Ward

From: Tyler Portwood <Tyler.Portwood@hilcorp.com>
Sent: Friday, May 16, 2025 2:26 PM
To: Rikala, Ward, EMNRD <Ward.Rikala@emnrd.nm.gov>; Rennick, Kenneth G <krennick@blm.gov>; Kade, Matthew H <mkade@blm.gov>
Cc: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Farmington Regulatory Techs <FarmingtonRegulatoryTechs@hilcorp.com>; Lisa Helper <lhelper@hilcorp.com>; Jacob Sanchez <Jacob.Sanchez@hilcorp.com>; Jose Morales <jomorales@hilcorp.com>; Jackson Lancaster <Jackson.Lancaster@hilcorp.com>; Cameron Skelton <Cameron.Skelton@hilcorp.com>; Griffin Selby <Griffin.Selby@hilcorp.com>; Cheryl Weston <cweston@hilcorp.com>; Freddy Proctor <fproctor@hilcorp.com>
Subject: [EXTERNAL] Change of Plans - Moore LS 2A - API 3004522827

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Good afternoon Ward,

Jose spoke with you on the phone this afternoon about the Moore LS 2A (API 3004522827), so I am following up with a written change of plans notice for this work. We are currently rigged up on the well to prep for a recompletion in the PC/FRC. We set a CIBP at 4,527', above the MV perforations, and attempted to pressure test the casing without success. We isolated pinhole leaks in the 7" casing between 393' – 583'. No injection rate into the holes, only a slow leak off.

Our plan is now to remediate by running 4-1/2" casing down to the top of the existing 4-1/2" liner, tie-back and circulate cement to surface. This will be the most effective way to remediate and ensure lasting integrity of the wellbore. Once we have completed this work, we will resume with recompletion operations as planned.

I have attached a well diagram for reference (the CIBP is not shown but is set at 4,527'). Please let me know if you approve of this plan or if you need me to provide any additional information.

Thanks,

Tyler Portwood

SJN Operations Engineer
Hilcorp Energy Company
C: 817.343.3719

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

General Information
Phone: (505) 629-6116

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

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

ACKNOWLEDGMENTS

Action 473802

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 473802
	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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Energy, Minerals and Natural Resources
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Santa Fe, NM 87505

CONDITIONS

Action 473802

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 473802
	Action Type: [C-104] Completion Packet - New Well (C-104NW)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	6/17/2025