

Well Name: SUNRAY E	Well Location: T30N / R10W / SEC 9 / SWNW / 36.82939 / -107.894913	County or Parish/State: SAN JUAN / NM
Well Number: 2B	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF077730	Unit or CA Name:	Unit or CA Number:
US Well Number: 3004530013	Well Status: Gas Well Shut In	Operator: HILCORP ENERGY COMPANY

Notice of Intent

Type of Submission: Notice of Intent

Date Sundry Submitted: 08/25/2021

Date proposed operation will begin: 08/29/2021

Type of Action Temporary Abandonment

Time Sundry Submitted: 08:55

Procedure Description: Hilcorp Energy Company requests to TA the subject well to evaluate for future uphole potential using the attached procedure, wellbore diagram and proposed wellbore diagram.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

UPDATED\_Sunray\_E\_2B\_Wellbore\_Prep\_NOI\_20210825085545.pdf

Conditions of Approval

Specialist Review

2630429\_TA\_SUNRAY\_E\_2B\_3004530013\_KR\_08252021\_20210825091909.pdf

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<b>US Well Number:</b> 3004530013	<b>Well Status:</b> Gas Well Shut In	<b>Operator:</b> HILCORP ENERGY COMPANY

Operator Certification

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 submission of Form 3160-5 or a Sundry Notice.

<b>Operator Electronic Signature:</b> AMANDA WALKER	<b>Signed on:</b> AUG 25, 2021 08:55 AM
<b>Name:</b> HILCORP ENERGY COMPANY	
<b>Title:</b> Operations/Regulatory Technician	
<b>Street Address:</b> 1111 TRAVIS ST.	
<b>City:</b> HOUSTON	<b>State:</b> TX
<b>Phone:</b> (346) 237-2177	
<b>Email address:</b> mwalker@hilcorp.com	

Field Representative

<b>Representative Name:</b>		
<b>Street Address:</b>		
<b>City:</b>	<b>State:</b>	<b>Zip:</b>
<b>Phone:</b>		
<b>Email address:</b>		

BLM Point of Contact

<b>BLM POC Name:</b> KENNETH G RENNICK	<b>BLM POC Title:</b> Petroleum Engineer
<b>BLM POC Phone:</b> 9708783846	<b>BLM POC Email Address:</b> krennick@blm.gov
<b>Disposition:</b> Approved	<b>Disposition Date:</b> 08/25/2021
<b>Signature:</b> Kenneth Rennick	



**Hilcorp Energy Company**  
**Sunray E 2B**  
**Wellbore Prep for Recomplete**  
**API #: 3004530013**

**PROCEDURE**

1. Hold a pre-job safety meeting prior to beginning all operations or during a change in operational scope or initiation of SIMOPs. Properly document all operations via the JSA process. Insure that all personnel onsite abide by HEC safety protocol, including PPE, housekeeping, and procedures. Verify cathodic protection is off and wellhead instrumentation is properly disconnected from wellhead. Comply with all NMOCD, BLM, and HEC safety and environmental regulations. Verify there is no H2S present prior to beginning operations. If H2S is present, take the necessary actions to insure that the operation is safe prior to beginning operations. Observe and record pressures across all strings daily, prior to beginning operations. **Notify NMOCD and BLM 24 hours in advance of beginning operations.**
2. MIRU workover rig and cementing equipment.
3. Check casing, tubing, and Bradenhead pressures.
4. Remove existing piping on casing valve and begin blowing down casing pressure. Ensure well is dead or on a vacuum - kill well as necessary.
5. ND wellhead, NU BOP and function test. RU floor and 2-3/8" handling tools.
6. Release packer set at 7296'.
7. TOOH with 2-3/8" production tubing and packer, visually inspecting.
8. TIH with CICR and set at 7279'.
9. Pressure test tubing to 500 psi. Sting out of CICR and roll the hole with freshwater. Note: casing will not test until Lewis perforations are isolated. WOC will be required for successful pressure test on casing.
10. Plug 1, 7279'-7179' (Perf 7329'-7594', Dakota Top 7325'): Pump 18 sx of Class G cement. Spot plug on top of CICR to cover perforations and Dakota top. PU above Lewis perfs.
11. WOC, then RIH and tag plug to confirm TOC.
12. Lay down tubing to 6531'.
13. Plug 2, 6531'-6431' (Gallup Top 6481'): Mix and pump 24 sx of Class G cement and spot balanced plug to cover the Gallup top. PU above Lewis perfs.
14. WOC, then RIH and tag plug to confirm TOC.
15. Lay down tubing to 5595'.
16. Plug 3, 5595'-5495' (Mancos Top: 5545'): Mix and pump 24 sx of Class G cement and spot balanced plug to cover the Mancos top. PU above Lewis perfs.
17. WOC, then RIH and tag plug to confirm TOC.
18. Lay down tubing to 5231'.
19. Plug 4, 5231'-4513' (Mesaverde; Point Lookout Top 5181', Cliffhouse Top 4563'). Mix and pump 90 sx of Class G cement and spot balanced plug to cover the Mesaverde (Point Lookout and Cliffhouse) top. PU above Lewis perfs.
20. WOC, then RIH and tag plug to confirm TOC.
21. Lay down tubing to 3738' then TOOH.
22. TIH w/ CICR and set at 3738'.
23. Pressure test casing to 500 psi to confirm casing integrity.
24. Plug 5, 3738'-3638' (Lewis Perforations 3788'-4272', Chacra Top: 3990'): Mix and pump 18 sx of Class G cement and spot balanced plug on top of CICR to cover the Lewis perforations and the Chacra top. PU and reverse circulate tubing clean.
25. Lay down all tubing.
26. RD cementing equipment and rig. Move off location. Wellbore is prepped for a future recomplete in the Pictured Cliffs.



**Hilcorp Energy Company**  
**Sunray E 2B**  
 Wellbore Prep for Recomplete  
 API #: 3004530013

WBD - CURRENT

**Schematic - Current****Well Name: SUNRAY E #2B**

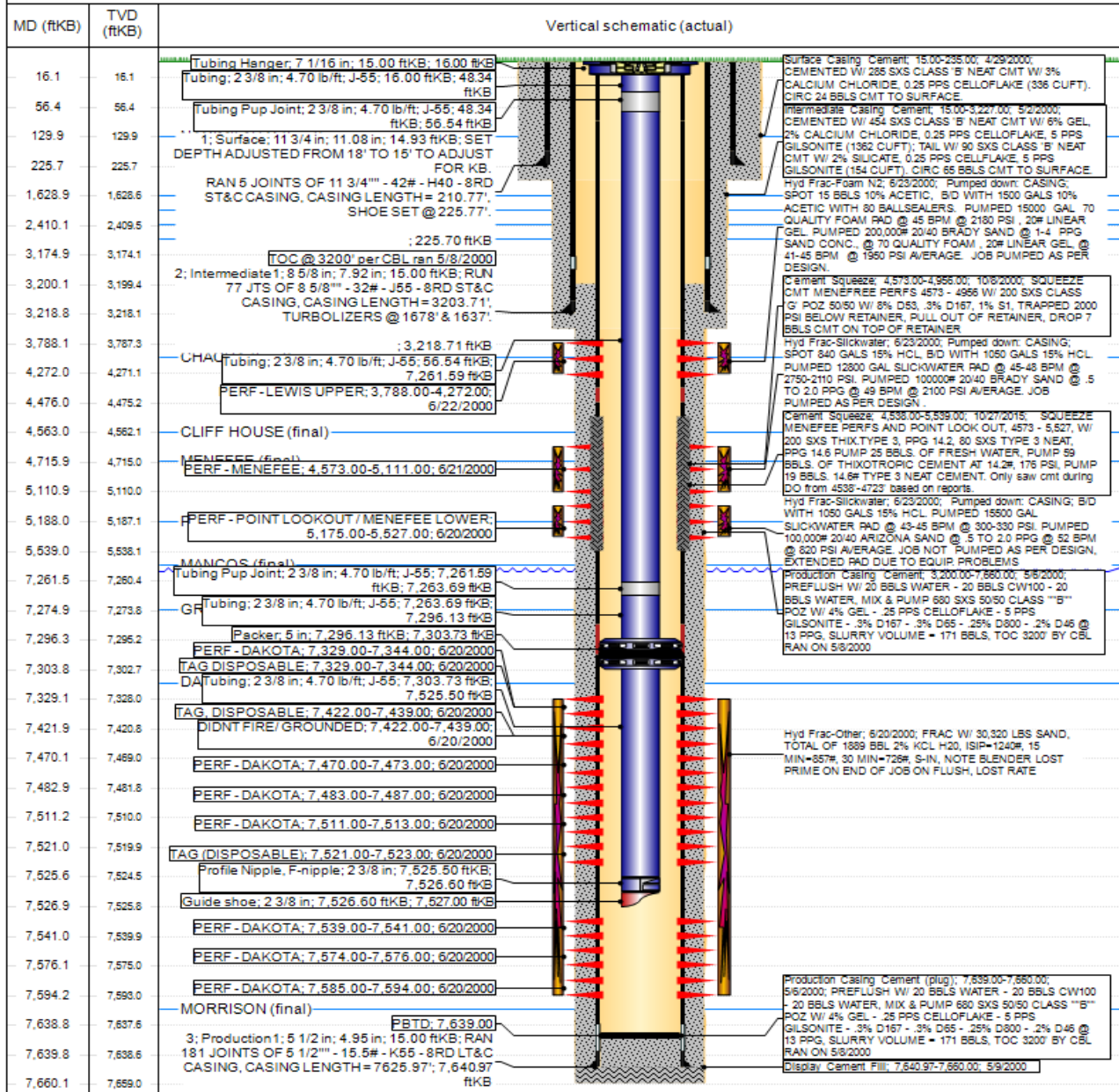
API / UWI 3004530013	Surface Legal Location 009-030N-010W-E	Field Name BLANCOMESAVERDE (PRORATED ONE)	License No.	State/Province NEW MEXICO	Well Configuration Type VERTICAL
Original KB/BRT Elevation (ft) 6,315.00	KB-Ground Distance (ft) 15.00	Original Spud Date 4/28/2000 18:30	Rig Release Date 10/21/2000 12:00	PBTD (ft) (ftK) Original Hole - 7,639.0	Total Depth All (ft) (ftK)

**Most Recent Job**

Job Category Expense Workover	Primary Job Type TEMPORARY ABANDON	Secondary Job Type	Actual Start Date 10/19/2020	End Date 10/20/2020
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**TD: 7,660.0**

VERTICAL, Original Hole, 5/25/2021 3:05:57 PM



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Report Printed: 5/25/2021



## Hilcorp Energy Company

3004525892

Wellbore Prep for Recomplete

API #: 3004530013

## WBD - PROPOSED

Ojo Alamo Top: 1629  
Kirtland Top: 1754  
Fruitland Top: 2410  
Pictured Cliff Top: 2968'  
  
PC Base: 3124'

Chacra Top: 3990'

Cliff House Top: 4563'  
Mesaverde Top: 5181'

Mancos Top: 5545'

Gallup Top: 6481'

Dakota Top: 7325'

Plug 5: 3738' - 3638'  
18sxs Class G  
Set CICR @ 3738'

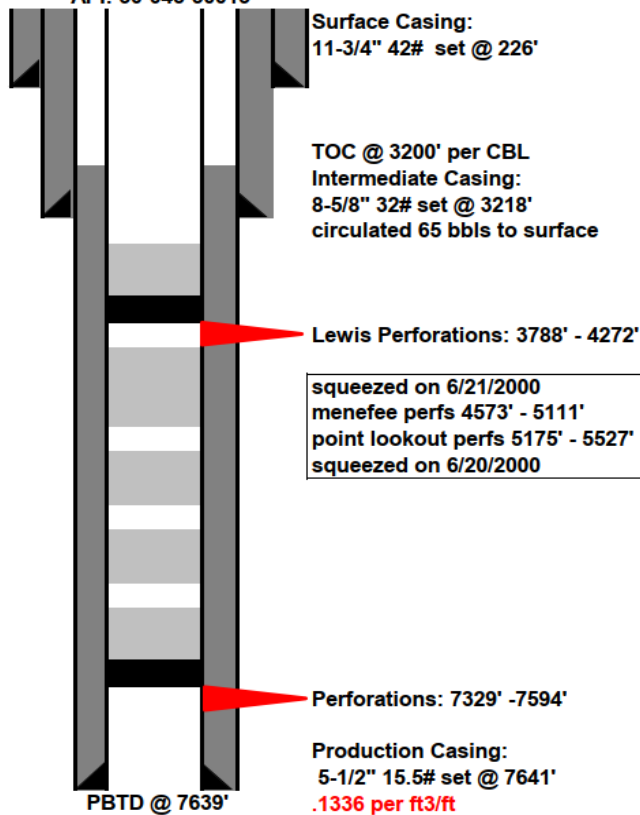
Plug 4: 5231' - 4513'  
90 sxs Class G

Plug 3: 5595' - 5495'  
24 sxs Class G

Plug 2: 6531' - 6431'  
24 sxs Class G

Plug 1: 7279' - 7179'  
18 sxs Class G  
Set CICR @ 7279'

Hilcorp Energy  
Proposed P&A WBD  
Sunray E 2B  
API: 30-045-30013



**UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
FARMINGTON DISTRICT OFFICE  
6251 COLLEGE BLVD.  
FARMINGTON, NEW MEXICO 87402**

Attachment to notice of Intent for TA Operations:

Well: Sunray E 2B (Sundry ID 2630429)

**CONDITIONS OF APPROVAL**

1. Contact BLM Inspection and Enforcement at (505) 564 – 7750 hours prior to conducting work so an inspector can be present to witness the setting of the proposed plugs.
2. File a subsequent report detailing work completed with exact dates (month, day, year) within 30 days of completing operations. Also file a request for Temporary Abandonment status for a 12-month with the exact effective date the well was temporary abandoned. Provide in the request the future plans for the well.

K. Rennick 8/25/2021

**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**

CONDITIONS  
  
Action 44354

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 44354
	Action Type: [C-103] NOI Temporary Abandonment (C-103I)

CONDITIONS

Created By	Condition	Condition Date
jagarcia	None	8/25/2021