| even by OCD: 3/31/2022 8:08:28 AM .S. Department of the Interior UREAU OF LAND MANAGEMENT | | Sundry Print Rep 03/31/20 |
|---|--|---|
| Well Name: SAN JUAN 32-7 UNIT | Well Location: T32N / R7W / SEC 35 / NWNE / 36.941528 / -107.531921 | County or Parish/State: SAN JUAN / NM |
| Well Number: 69 | Type of Well: CONVENTIONAL GAS WELL | Allottee or Tribe Name: |
| Lease Number: NMSF078543 | Unit or CA Name: SAN JUAN 32-7 UNITDK | Unit or CA Number: NMNM78423C |
| US Well Number: 3004524777 | Well Status: Producing Gas Well | Operator: HILCORP ENERGY COMPANY |

Notice of Intent

Sundry ID: 2664507

Type of Submission: Notice of Intent

Date Sundry Submitted: 03/30/2022

Date proposed operation will begin: 04/01/2022

Type of Action: Recompletion Time Sundry Submitted: 09:19

Procedure Description: Hilcorp Energy Company requests to REVISE the Recomplete NOI to update the procedure to include squeezing off the Mancos after the DFIT test is complete.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

30045247770000_SJ_32_7_Unit_69_MV_RC_Mancos_DFIT_with_sqz_20220330091505.pdf

| Received by OCD: 3/31/2022 8:08:28 AM Well Name: SAN JUAN 32-7 UNIT | Well Location: T32N / R7W / SEC 35 / NWNE / 36.941528 / -107.531921 | County or Parish/State: SAN |
|--|--|--|
| Well Number: 69 | Type of Well: CONVENTIONAL GAS WELL | Allottee or Tribe Name: |
| Lease Number: NMSF078543 | Unit or CA Name: SAN JUAN 32-7 UNITDK | Unit or CA Number: NMNM78423C |
| US Well Number: 3004524777 | Well Status: Producing Gas Well | Operator: 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.

Operator Electronic Signature: AMANDA WALKER

Name: HILCORP ENERGY COMPANY

Title: Operations/Regulatory Technician

Street Address: 1111 TRAVIS ST.

City: HOUSTON

State: TX

Phone: (346) 237-2177

Email address: mwalker@hilcorp.com

Field Representative

Representative Name: Street Address: City: State: Phone: Email address:

BLM Point of Contact

BLM POC Name: KENNETH G RENNICK BLM POC Phone: 5055647742 Disposition: Approved Signature: Kenneth Rennick

BLM POC Title: Petroleum Engineer BLM POC Email Address: krennick@blm.gov

Zip:

Signed on: MAR 30, 2022 09:19 AM

Disposition Date: 03/31/2022

atory Technician



| Prepared by: | Scott Anderson |
|-------------------|------------------|
| Preparation Date: | February 8, 2022 |

| WELL INFORMATION | | | | | | | |
|-------------------|-----------------------|------------|--|--|--|--|--|
| Well Name: | SAN JUAN 32-7 UNIT 69 | State: | NM | | | | |
| API #: 3004524777 | | County: | SAN JUAN | | | | |
| Area: 5 | | Location: | 860' FNL & 1570' FEL - Unit B - Section 35 - T 032N - R 007W | | | | |
| Route: | 506 | Latitude: | 36.9415283 N | | | | |
| Spud Date: | 2/2/1981 | Longitude: | -107.53189 W | | | | |

PROJECT DESCRIPTION

Isolate the Dakota formation, perforate the Mesa Verde formation and frac stimulate in 1-2 stages. cleanout isolations and commingle the Mesa Verde production with existing Dakota production. Strip facilities and repair eqmt as necessary

| CONTACTS | | | | | | | | |
|----------------------|-----------------|----------------|--------------|--|--|--|--|--|
| Title | Name | Office Phone # | Cell Phone # | | | | | |
| Engineer | Scott Anderson | | 248-761-3965 | | | | | |
| Area Foreman | Cameron Garrett | | 947-5683 | | | | | |
| Lead | Pat Hudman | | 320-1225 | | | | | |
| Artificial Lift Tech | Burl Applegate | | 320-2570 | | | | | |
| Operator | John Shaw | | 419-9135 | | | | | |



JOB PROCEDURES 1. MIRU workover rig and associated equipment; NU and test BOP. 2. TOOH with 2 3/8" tubing set at 8,143'. 3. RIH with tapered mill and ream through tight spot at 4,030'. TOOH. 4. Set a 4-1/2" bridge plug at +/- 8,161' to isolate the Dakota. 5. Load hole with KCI fluid and run a CBL on the 4-1/2" casing. Verify cement bond across the Mesa Verde and Mancos formations; confirm cement top and bottom behind the 4-1/2" casing. Review CBL results with engineering/NMOCD/BLM and perform cmt remediation, if required. 6. ND BOPs, NU frac stack. Pressure test the csg and bridge plug to DFIT pressure 7. RU wireline and perforate Mancos formation (between 6,427-7,569') 8. RIH w/ RBP and tandem pressure gauges, position above Mancos top perf (do not set) 9. RU pump truck and perform DFIT (pump into Mancos w/ KCI fluid at approximately 4-6 bpm. Max volume = 40 bbls) on Mancos perforations. Shut down pump. 10. Set RBP and pressure gauges above the Mancos perforations. 11. SI well and monitor wellhead pressure. RDMO pump truck and wireline 12. MIRU workover rig, NDNU BOP, RIH w/retrieving tool and pull RBP, gauges. Unload and flow test the Mancos. 13. RIH w/ workstring, RU cementers and squeeze the Mancos perforations with cement 14. Drill out cement squeeze and pressure test the sqeeze. 15. Set a second 4-1/2" bridge plug at +/- 6,427' to provide a base for the frac. Load the 7" x 4.5" annulus with packer fluid. If a casing frac is pursued, install 5K tubing head and pressure test casing to anticipated frac pressure, but do not exceed 80% of casing burst pressure. *Burst pressure of 4-1/2" x 10.5# casing is 4,790 psig. 80% of burst is 3832 psig. 16. Perforate the Mesa Verde. (Top perforation @ 5,659', Bottom perforation @ 6,427') 17. Frac will be completed via existing casing or a frac string depending on TOC and casing integrity. If running a frac string set pkr at ~5,600'. 18. N/D BOP, N/U frac stack (if necessary) and test frac stack to frac pressure. IF a frac string is needed, open well and PT frac string to 9000# against the ceramic disc. 19. If necessary, RU slickline. RIH and break ceramic disc. RD slickline. 20. Frac the Mesa Verde in a single or multiple stages. 21. IF a frac string is used, RU flowback eqmt if necessary. Flowback well until tubing pressure drops to working level and sand subsides or well loads up. RD flowback eqmt. 22. MIRU workover rig. Nipple down frac stack, nipple up BOP and test. 23. If a frac string is used, release the pkr and POOH LD workstring. 24. RIH w/ mill and cleanout to top of packer at 8165'. TOOH. Capture a Mesa Verde gas sample prior to removing Mesa Verde isolation

25. TIH and land production tubing. Get a commingled Dakota/Mesa Verde flow rate.



| | 51) | rgy Company AN JUAN 32-7 UNIT #6 | 9 | Curren | t Schema | atic | | | | |
|--------------------------|---------------|--|-----------------------------------|------------------------|-------------------------|---------------|---|---------------------------------------|--------------------------|--|
| 00452477 | 100 | Surface Legal Location 035-032N-007W-B | Field Name DK | | | Route 0506 | ý | State/Province | | Well Configuration Type Vertical |
| ound Elevation 730.00 | | Original KB/RT Elevation (ft) 6,743.00 | 1-22 | K6-Ground Dis 13.00 | stance (ft) | | asing Flange D | | K8-Tubing Hang | er Distance (ft) |
| | | | Vertical. | Original Ho | le. 6/27/201 | 9 1:17 | :52 PM | | 0 | |
| 1D (ftKB) | TVD (ftKB) | 5 5 | | | Vertical scher | | | | | |
| 11.8 | | | | | | | | | | |
| 13.1 | | | | | and and a second second | - | and the state of the | | mantiti as instituter de | |
| 389.1 | | 1; Surface; 9 5/8 ir | | | | | | SURFACE 2/3/1981 | E CASING C | EMENT; 13.00-389.00; |
| 2,000.0 | | | 389. | 00 ftKB | | ш | | | | |
| 3,126.0 | | -Kirtland (final) | | | | | | | | ING CEMENT; 2,000.00 EMENT WITH 175 SX |
| 3,120.0 | | (sinano (illa) | | | | | | TOC??? | | 4 |
| 3,436.0 | | — Fruitland (final) — | | | | | | | | |
| 3,596.1 | | — Pictured Cliffs (final)— | | | | | | | | |
| 4,004.9 | | 2; Intermediate Casin | g; 7 in; 6.46 ir | 1; <mark>13</mark> .00 | | | | | | |
| 4,029.9 | | restricted ID, milled out to | ftKB; 4,005. | 00 ftKB | | | | | | |
| co umo umos | | (12') will pass through Tubing; 2 3/8 in; 4.70 | | | | | | —2-1; Tigh | t Spot; 4 1/2 | ; 4,030.00; 7.00 |
| 4,037.1 - | | | 8,142. | 00 ftKB | | | | | | |
| | | — Huerfanito Bentonite (fi | nai) | | | | | | | |
| 5,659.1 - | | - CliffHouse (final) | | | | | | | | |
| 5,713.9 - | | - Menefee (final) | | | | | - | 8,370.00; | 2/15/1981; (| NG CEMENT; 3,300.00- CEMENT WITH 360 SX BY TEMP SURVEY |
| 5,951.1 | | -Point Lookout (final) | | | | | | | LIXMINED | ST TEMP SORVET |
| 6,426.8 - 7,169.9 - | | | | | ~~~ | | h | | | |
| | | - Gallup (final) PACKER WOULD NO FRAC JOB TUBING V | | | | | | | | |
| 8,000.0 | | L | EAVING 10 FT | | | | | | | |
| 8,032.2 - | | - Green Horn (final) | 2/2 in: 4 70 lbs | A. I. CC.] | | | 8 | | | |
| 8,142.1 | | Profile Nipple; 2 3 8,142.0 Mule Shoe; 2 3/8 in; 4.7 | 0 ftKB; 8,142. | 90 ftKB | | 3 | | | | |
| 100 100 | | Mare 5006, 2 5/0 m, 4.7 | ftKB; 8,143. | | | | | | | |
| 8,143.4 | | - | | | | | | | | |
| 8,165.0 | | | | | | | | | | 3/8; 8,165.00; 10.00 |
| 8,174.9 | | | | | | | | 1-2; Pack — Retrievan 40705, Si | natic (Servic | 00; 5.00; Baker Mod EA e Packer). Product# |
| 8,180.1 - | | | | | | | | | | 500/004-51-14 |
| 8,190.0 | | -Graneros (final) | | | | | | screened | out with 110 | ; 5/22/1981; First frac 000# 20/40 in perfs. acid, frac through 2-3/8" |
| 8,211.9 - | | Perforated; 8,211.94 | -8,277.89; 5/2 | 20/1981 | | 18 | | / tbg, with t | reating pac | ker set at 8189'. 40 sand @ 1 ppg |
| 8,277.9 | | | | | | | | 35000#. T | otal sand in | perfs = 46000#. |
| 8,305.1 | | 3; Production Casing; 4 ftKB; Identified a restrict ID to 3.75". short (12') too longer tools v | ed ID at 4030' Is will pass th | . milled prough. ~ | | ∭t | | PBTD 830 | | 5,510,00, 11101100 (, |
| www.pelo | ton.com | | 2010 | | Page 1/1 | | | | D | eport Printed: 6/27/20 |



| | | rgy Company AN JUAN 32-7 UNIT # | | rent Schem | atic | | | |
|---|---------------|--|--|-------------------------|---------------|---------------------------|--------------|---|
| PI/UWI 3004524771 | 7 | Surface Legal Location 035-032N-007W-B | Field Name DK | | Route 0506 | State/Province NEW MEX | ico | Well Configuration Type Vertical |
| Fround Elevation 5,730.00 | | Original KB/RT Elevation (ft) 6,743.00 | | nd Distance (ft) | | nge Distance (ft) | | ger Distance (fl) |
| | | | Vertical, Original | Hole 6/27/201 | 9 1.17.52 PM | Л | 2 | |
| MD (ftKB) | TVD (ftKB) | 2 | 3 | Vertical sche | | | | |
| 11.8 | | | | | | | | |
| 13.1 | | | | NAMES OF TAXABLE PARTY. | | | | |
| 389.1 | | 1; Surface; 9 5/8 i | n; 8.92 in; 13.00 ftKB; | | | 2/3/1981 | CASING C | CEMENT; 13.00-389.00; |
| 00800000000000000000000000000000000000 | | Photo M M and a | 389.00 ftKB | | | | | |
| 2,000.0 | | | | | | | | ING CEMENT; 2,000.00 |
| 3,126.0 | | — Kirtland (final)——— | | | | -4,005.00; TOC??? | 2/7/1981; 0 | CEMENT WITH 175 SX |
| 3,299.9 | | | | | | | | |
| 3,436.0 | | -Fruitland (final) | | | | | | |
| 3,596.1 | a 13 | -Pictured Cliffs (final) | | | | | | |
| 4,004.9 | | | ng; 7 in; 6.46 in; 13.00 | | | | | |
| | | restricted ID, milled out t | ftKB; 4,005.00 ftKB | | | | | |
| 4,029.9 | | (12') will pass through | , longer tools may not. | | | 2-1; Tight | Spot; 4 1/2 | 2; 4,030.00; 7.00 |
| 4,037.1 | N 13 | l ubing; 2.3/8 in; 4.70 | Ib/ft; J-55; 11.87 ftKB; 8,142.00 ftKB | | | 10 6397 | 34, 10, 1 | e Perfs: 5659-6427' |
| 4,484.9 | | — Huerfanito Bentonite (1 | inal) | | | / | | |
| 5,659.1 | | — CliffHouse (final) — | | | | / | | |
| 5,713.9 | | — Menefee (final) — | | | | PRODUC | TION CASI | NG CEMENT; 3,300.00- |
| 5,951.1 | | — Point Lookout (final) — | | | | 8,370.00; | 2/15/1981; 1 | CEMENT WITH 360 SX BY TEMP SURVEY |
| | | (A. 16) | | | | 13 | | |
| 6,426.8 | | | | ~~~~ | - Man | | | |
| 7,169.9 | | — Gallup (final) — | | | | | | |
| 8,000.0 | | | | | | Proposed N | /lancos DFI | T Perfs: 6427-7569' |
| 8,032.2 | | — Green Horn (final)—— | | | | | | |
| 8,142.1 | | | | | | | | |
| 8,143.0 | a 14 | | | | | | | |
| 8,143,4 | | | | | 7 | | | |
| 0 160-98 0-50 m.c. 2010/726-016 | | | | | | | | |
| 8,165.0 | | | | | | | | 2 3/8; 8,165.00; 10.00 |
| 8,174.9 | | | | | | | | .00; 5.00; Baker Mod EA ce Packer). Product# |
| 8,180.1 | | | | | | 40705. Siz | te 43 | |
| 8,190.0 | | -Graneros (final) | | | | | | r; 5/22/1981; First frac |
| 8,211.9 | 2 - A | 27 <u>00</u> | | | | Second a | ttempt after | 000# 20/40 in perfs. acid, frac through 2-3/8" |
| 8,277.9 | | Perforated; 8,211.9 | 4-8,277.89; 5/20/1981 | | | Max Press | s 6050#. 20 | ckerset at 8189′. /40 sand @ 1 ppg |
| 8,305.1 | | | | | | PLUGBAC | CK; 8,305.00 | n perfs = 46000#. 0-8,370.00; 2/13/1981; |
| C) Victoria | | 3; Production Casing; ftKB; Identified a restrict | ted ID at 4030'. milled | | | PBTD 830 | 5' | |
| 8,370.1 | S 13 | ID to 3.75". short (12') to longer tools | ols will pass through. ~ will not.; 8,370.00 ftKB | | COLOR BALL | | | |
| www.pelo | ton.com | | 101/00 | Page 1/1 | | | | Report Printed: 6/27/20 |

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

| Operator: | OGRID: | | |
|------------------------|-----------------------------------|--|--|
| HILCORP ENERGY COMPANY | 372171 | | |
| 1111 Travis Street | Action Number: | | |
| Houston, TX 77002 | 94650 | | |
| | Action Type: | | |
| | [C-103] NOI Recompletion (C-103E) | | |
| | [C-103] NOI Recompletion (C-103E) | | |

CONDITIONS

| Created By | | Condition Date |
|------------|---|-------------------|
| kpickford | Adhere to previous NMOCD Conditions of Approval | 3/31/2022 |

CONDITIONS

Page 7 of 7

Action 94650