

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Hilcorp Energy Company 382 Road 3100 Aztec, NM 87410		² OGRID Number 372171
		³ Reason for Filing Code/ Effective Date RC
⁴ API Number 30-039-20501	⁵ Pool Name Blanco Mesaverde	
⁶ Pool Code 72319		
⁷ Property Code 318470	⁸ Property Name Canyon Largo Unit	⁹ Well Number 186

II. ¹⁰ Surface Location

UI or lot no. A	Section 11	Township 25N	Range 06W	Lot Idn	Feet from the 990	North/South Line North	Feet from the 1180	East/West Line East	County Rio Arriba
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¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County Choose an item.
¹² Lse Code F	¹³ Producing Method Code F		¹⁴ Gas Connection Date		¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date	

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
248440	Western Refinery	O
151618	Enterprise	G

IV. Well Completion Data

²¹ Spud Date 6/22/1972	²² Ready Date 9/2/2023	²³ TD 7500'	²⁴ PBTD 7487'	²⁵ Perforations 5106'-5239'	²⁶ DHC, MC DHC-5321
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	
13 3/4"		9 5/8", 32.3#, HS		224'	
7 7/8"		4 1/2", 11.6# & 10.5# KS & KE		7500'	
		2 3/8", 4.7#, J-55		7322'	

V. Well Test Data

³¹ Date New Oil N/A	³² Gas Delivery Date 9/2/2023	³³ Test Date 9/2/2023	³⁴ Test Length 4 hrs	³⁵ Tbg. Pressure 110 psi	³⁶ Csg. Pressure 550 psi
³⁷ Choke Size 10/64"	³⁸ Oil 0 bbl	³⁹ Water 0 bbl	⁴⁰ Gas 18 mcf		⁴¹ Test Method Flowing
⁴² 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. Signature: Cherylene Weston			OIL CONSERVATION DIVISION		
Printed name: Cherylene Weston			Approved by: PATRICIA MARTINEZ		
Title: Operations Regulatory Tech Sr.			Title: PETROLEUM SPECIALIST		
E-mail Address: cweston@hilcorp.com			Approval Date: 9/25/2023		
Date: 09/08/2023		Phone: 713-289-2615			

Well Name: CANYON LARGO UNIT	Well Location: T25N / R6W / SEC 11 / NENE / 36.418549 / -107.43132	County or Parish/State: RIO ARRIBA / NM
Well Number: 186	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078885	Unit or CA Name: CANYON LARGO UNIT--DK	Unit or CA Number: NMNM78383D
US Well Number: 3003920501	Well Status: Producing Gas Well	Operator: HILCORP ENERGY COMPANY

Subsequent Report

Sundry ID: 2750281

Type of Submission: Subsequent Report

Type of Action: Recompletion

Date Sundry Submitted: 09/08/2023

Time Sundry Submitted: 11:44

Date Operation Actually Began: 07/24/2023

Actual Procedure: Hilcorp Energy recompleted the subject well into the Mesaverde. Please see attached reports.

SR Attachments

Actual Procedure

CLU_186_RC_Subsequent_Sundry_20230908114300.pdf

Well Name: CANYON LARGO UNIT

Well Location: T25N / R6W / SEC 11 /
NENE / 36.418549 / -107.43132

County or Parish/State: RIO
ARRIBA / NM

Well Number: 186

Type of Well: CONVENTIONAL GAS
WELL

Allottee or Tribe Name:

Lease Number: NMSF078885

Unit or CA Name: CANYON LARGO
UNIT--DK

Unit or CA Number:
NMNM78383D

US Well Number: 3003920501

Well Status: Producing Gas Well

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: SEP 08, 2023 11:44 AM

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 Title: Petroleum Engineer

BLM POC Phone: 5055647742

BLM POC Email Address: krennick@blm.gov

Disposition: Accepted

Disposition Date: 09/08/2023

Signature: Kenneth Rennick

Canyon Largo Unit 186

API: 3003920501

Recomplete Subsequent Sundry

- 7/24/2023** MIRU. LAY OUT FLOW LINES. BH-0 PSI, CSG- 100 PSI, TBG- 75 PSI. BDW. ND WH, NU BOP. RU FLOOR. PULL TBG HANGER. MIRU TBG SCANNERS. TOOH, SCAN TBG. RD SCANNERS. TIH W/ 3-7/8" STRING MILL TO 5,000'. SISW. SDFN.
- 7/25/2023** PJSM. BH- 0 PSI, CSG- 100 PSI, TBG- 0 PSI. BDW. CHG OUT TBG FLOATS. PU REPLACEMENT TBG. RIH W/MILL TO 7,153'. TOOH W/TBG, LD MILL. TIH, SET **CIBP @ 7,095'**. LOAD CSG W/110 BBLS, CIRC CLEAN. PT CSG TO 560 PSI, GOOD TEST (PSI CLIMBING). LD TBG TO 5,000'. TOOH, LD SETTING TOOL. SISW. SDFN.
- 7/26/2023** PJSM. SITP = N/A, SICP = 0, BH = 0. RU BASIN WL. RIH, TAG CIBP @ 7095'. CORRELATED GREENHORN FROM 7095' TO 6650', CORRELATED POINT LOOKOUT FROM 5300' TO 4950' TO DENSITY LOG DATED 7-11-1972. RAN **CBL FROM 7095' TO SURFACE**. WO APPROVAL TO PROCEED. SDFN.
- 7/27/2023** PJSM. BH- 0 PSI, CSG- 0 PSI. PERFORM MAINTENANCE ON RIG. **APPROVAL TO PROCEED GRANTED BY WARD RIKALA, NMOCD**. TIH W/TBG. LD ALL TBG. CHG OVER TOOLS FOR 2-7/8" TBG. SISW.
- 7/28/2023** PJSM. BH- 0 PSI, CSG- 0 PSI. RU BASIN WL. RIH, **SET CBP @ 5,310'**. **PERF POINT LOOKOUT/LOWER MENEFFEE** W/ 0.34", 1 SPF @: 5,106', 5,112', 5,119', 5,133', 5,140', 5,147', 5,153', 5,160', 5,165', 5,172', 5,179', 5,187', 5,203', 5,210', 5,220', 5,222', 5,231', 5,236', 5,238', 5,239' **(20 HOLES)**. RD WL. RIH, LAND 2-7/8" FRAC STRING. SET PKR IN 12K COMPRESSION. RD FLOOR. LOAD TBG, TEST TO 2,000 PSI. PT CSG TO 500 PSI, GOOD TEST. SISW. SDFN.
- 7/31/2023** PJSM. BH- 0 PSI, CSG- 0 PSI. ND BOP, NU FRAC STACK. PT FRAC STRING TO 9,000 PSI X30 MIN, GOOD TEST. RU SLICKLINE. RIH, PUNCH OUT DUAL DISC SUB. RD.
- 8/23/2023** MIRU FRAC CREW. PT FRAC STRING ANNULUS 500 PSI. **FRAC STAGE 1:** BDW W/WATER & 1000 GAL 15% HCL. **FOAM FRAC MESAVERDE W/150,097 LBS 20/40 SAND, 49,770 GAL SLICKWATER & 1.82M SCF N2 70 Q.** SIW. RD.
- 8/28/2023** MIRU. BH- 0 PSI, CSG- 0 PSI, TBG- 1,000 PSI. KILL WELL. MONITOR FOR 30 MIN. RU BIG RED TOOL. INSTALL 2-WAY CHK VALVE. ND FRAC VALVE, NU BOP. RU FLOOR. PT BOP 2,500 PSI, GOOD TEST. RELEASE PKR, PULL TBG HANGER & 2-WAY CHK. KILL TBG. RD BIG RED. LD 5 JTS. SISW.SDFN.
- 8/29/2023** PJSM. BH-0 PSI, CSG-50 PSI, TBG-50 PSI. BDW. LD 159 JTS 2-7/8" FRAC STRING. CHG OUT TBG FLOATS. PU MILL & 2-3/8" WORK STRING. RU AIR, UNLOAD WELL @ 4,000'. CIRC UNTIL DOWN TO 1 CUP. BYPASS AIR. TAG 104' FILL @ 5,206' (CBP @ 5,310'). TOOH TO ABOVE PERFS. SISW. SDFN.
- 8/30/2023** PJSM. BH-0 PSI, CSG-1100 PSI, TBG-1100 PSI. BDW. TIH 2-3/8" WORK STRING. UNLOAD WELL @ 5,206'. BYPASS AIR. TAG & **DO CBP @ 5,310'**. PU TO 6396', UNLOAD WELL. PU TO CIBP @ 7095'. UNLOAD WELL, CIRC CLEAN. TOOH TO ABOVE PERFS. SISW. SDFN.
- 8/31/2023** PJSM, BH-0 PSI, CSG-920 PSI, TBG-0 PSI. BDW. TIH TO CIBP @ 7,095'. PU PWR SWVL. EST CIRC WITH AIR/MIST. **DO CIBP @ 7,095'**. TAG 146' FILL @ 7,341'. CO FILL, CHASE PLUG REM TO PBTD @ 7,487'. CIRC WELL CLEAN. BYPASS AIR. HANG SWVL. TOOH TO ABOVE PERFS. SISW. SDFN.
- 9/1/2023** PJSM. BH- 0 PSI, CSG- 940 PSI, TBG- 0 PSI. BDW. TOOH W/TBG. LD MILL. TIH, W/ PROD BHA. CHECK FOR FILL, NO FILL. LD TAG JTS. LAND 234 JTS 2-3/8", 4.7#, J-55 **TBG @ 7322'** (SN @ 7321'). RD FLOOR. ND BOP, NU WH. PUMP PAD, DROP BALL. PT TBG, GOOD. PUMP OFF EXP CHECK. UNLOAD WELL. RDRR.

THE WELL IS PRODUCING AS A MV/DK COMMINGLE ON GAS ALLOWABLE WAITING ON RC C-104 APPROVAL.

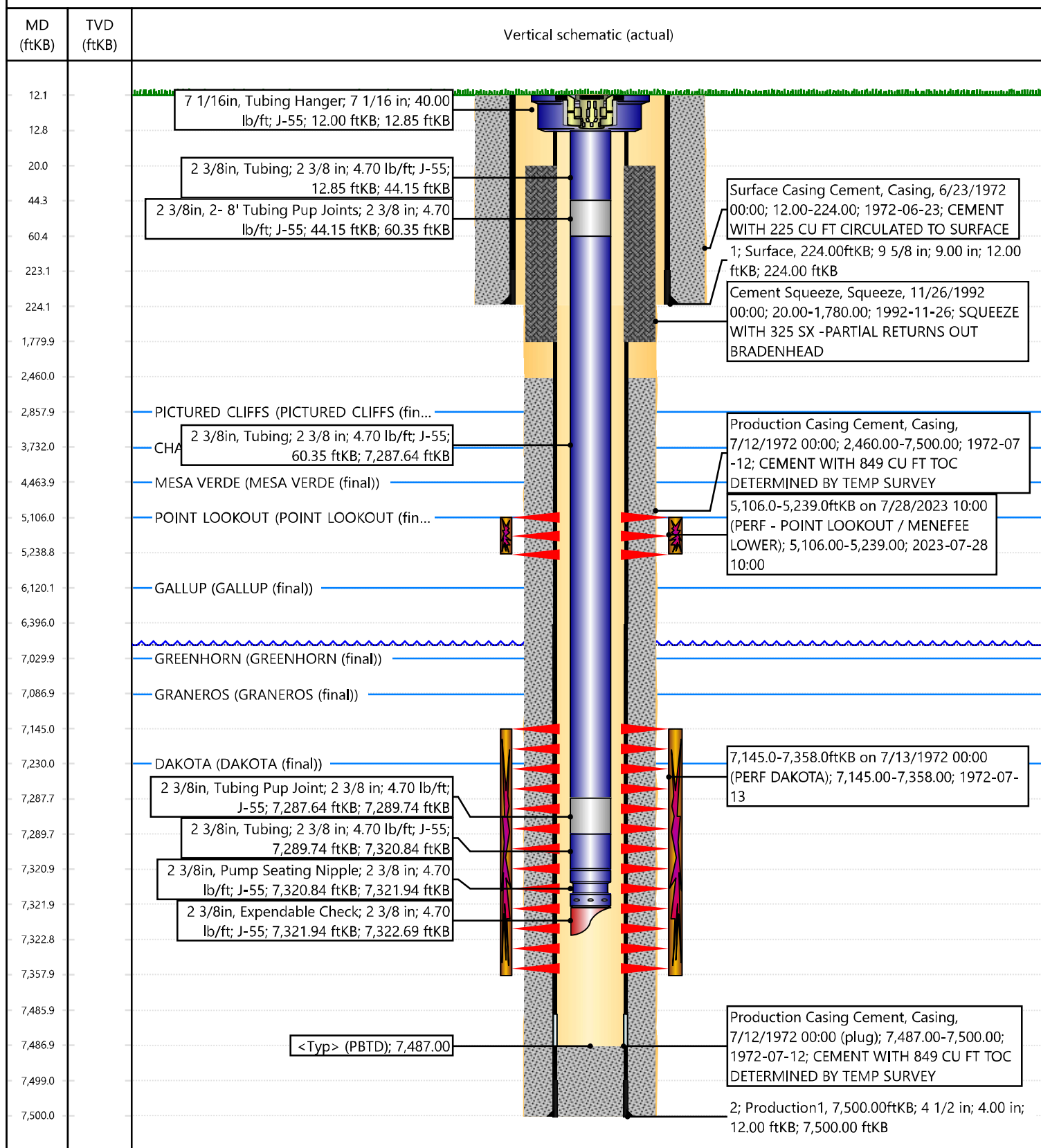


Current Schematic - Version 3

Well Name: CANYON LARGO UNIT #186

API / UWI 3003920501	Surface Legal Location 011-025N-006W-A	Field Name BSN DK(PRO GAS)	#0068	Route 1405	State/Province NEW MEXICO	Well Configuration Type VERTICAL
Ground Elevation (ft) 6,765.00	Original KB/RT Elevation (ft) 6,777.00	RKB to GL (ft) 12.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)		

Original Hole [VERTICAL]



Cheryl Weston

From: Eliza Ann Moehlman
Sent: Thursday, July 27, 2023 11:47 AM
To: Kuehling, Monica, EMNRD; Rennick, Kenneth G; Cheryl Weston; Harrison, John, EMNRD; ward.rikala@emnrd.nm.gov
Cc: Mandi Walker
Subject: RE: [EXTERNAL] RE: Canyon Largo Unit 186 API 30-039-20501

Good morning, All,

Ward and I just discussed the Canyon Largo Unit 186 CBL. Ward agreed to the amended NOI perforations of **5106-5239'** because of the CBL. Ward concluded that the bottom of the cement is at **5,339'**. Because there is 100' of cement between the proposed perforations and bottom of cement, no squeeze work is required.

Ward, thank you for your time today.

Regards,
Eliza Ann Moehlman
346-237-2131

From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Sent: Wednesday, July 26, 2023 5:37 PM
To: Eliza Ann Moehlman <Eliza.Ann.Moehlman@hilcorp.com>; Rennick, Kenneth G <krennick@blm.gov>; Cheryl Weston <cweston@hilcorp.com>; Harrison, John, EMNRD <John.Harrison@emnrd.nm.gov>
Cc: Mandi Walker <mwalker@hilcorp.com>
Subject: Re: [EXTERNAL] RE: Canyon Largo Unit 186 API 30-039-20501

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John you might look at emails to Ward

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From: Eliza Ann Moehlman <Eliza.Ann.Moehlman@hilcorp.com>
Sent: Wednesday, July 26, 2023 4:32:48 PM
To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Rennick, Kenneth G <krennick@blm.gov>; Cheryl Weston <cweston@hilcorp.com>; Harrison, John, EMNRD <John.Harrison@emnrd.nm.gov>
Cc: Mandi Walker <mwalker@hilcorp.com>
Subject: RE: [EXTERNAL] RE: Canyon Largo Unit 186 API 30-039-20501

Good evening, John,

With Monica being out of the office, may we please call you tomorrow morning to discuss the Canyon Largo Unit 186? We have already bothered Monica enough, and I wish to respect her time off.

For your reference, please see attached documents associated with the CLU 186.

Thank you,

Eliza Ann Moehlman
346-237-2131

From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Sent: Wednesday, July 26, 2023 5:06 PM
To: Eliza Ann Moehlman <Eliza.Ann.Moehlman@hilcorp.com>; Rennick, Kenneth G <krennick@blm.gov>; Cheryl Weston <cweston@hilcorp.com>
Cc: Mandi Walker <mwalker@hilcorp.com>
Subject: Re: [EXTERNAL] RE: Canyon Largo Unit 186 API 30-039-20501

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I am not seeing good cement below 5239
Monica Kuehling
Nmocd

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From: Eliza Ann Moehlman <Eliza.Ann.Moehlman@hilcorp.com>
Sent: Wednesday, July 26, 2023 4:03:04 PM
To: Rennick, Kenneth G <krennick@blm.gov>; Cheryl Weston <cweston@hilcorp.com>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Cc: Mandi Walker <mwalker@hilcorp.com>
Subject: RE: [EXTERNAL] RE: Canyon Largo Unit 186 API 30-039-20501

Kenny,

Please see attached.

API: 30-039-20501

Thank you,
Eliza Ann

From: Rennick, Kenneth G <krennick@blm.gov>
Sent: Wednesday, July 26, 2023 5:01 PM
To: Cheryl Weston <cweston@hilcorp.com>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Cc: Eliza Ann Moehlman <Eliza.Ann.Moehlman@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com>
Subject: Re: [EXTERNAL] RE: Canyon Largo Unit 186 API 30-039-20501

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No attachment, or link, of the CBL in this email chain.

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: Cheryl Weston <cweston@hilcorp.com>
Sent: Wednesday, July 26, 2023 3:54 PM
To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Rennick, Kenneth G <krennick@blm.gov>
Cc: Eliza Ann Moehlman <Eliza.Ann.Moehlman@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com>
Subject: RE: [EXTERNAL] RE: Canyon Largo Unit 186 API 30-039-20501

The API is 30-039-20501. Sorry about that I go to in a hurry.

Cheryl

From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Sent: Wednesday, July 26, 2023 4:52 PM
To: Cheryl Weston <cweston@hilcorp.com>; Rennick, Kenneth G <krennick@blm.gov>
Cc: Eliza Ann Moehlman <Eliza.Ann.Moehlman@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com>
Subject: Re: [EXTERNAL] RE: Canyon Largo Unit 186

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Cheryl what is the api number on this well

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From: Cheryl Weston <cweston@hilcorp.com>
Sent: Wednesday, July 26, 2023 3:22:13 PM
To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Rennick, Kenneth G <krennick@blm.gov>
Cc: Eliza Ann Moehlman <Eliza.Ann.Moehlman@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com>
Subject: [EXTERNAL] RE: Canyon Largo Unit 186

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Monica/Kenny:

Please see the attached CLB and MIT that was run on the above well during wellbore prep. We would like to revise the perf range as stated below.

I also attached the approved NOI PDF (rather than the link).

Thank you,
Cheryl

From: Eliza Ann Moehlman <Eliza.Ann.Moehlman@hilcorp.com>
Sent: Wednesday, July 26, 2023 4:01 PM

To: Cheryl Weston <cweston@hilcorp.com>
Cc: Ben Hampton <bhampton@hilcorp.com>
Subject: Canyon Largo Unit 186

Cheryl,

Please see attached CBL and MIT for the Canyon Largo Unit 186. Please forward the attachments to Monica with the request below:

Hilcorp requests a change of NOI perforations in the Mesa Verde Section:

Old NOI Approved Perforations: **5106-5469'**

Requesting New NOI Perforations: 5106-5239'

Thank you,

Eliza Ann Moehlman
Operations Engineer – San Juan East
Hilcorp Energy Company
1111 Travis
Houston, TX 77002
Eliza.ann.moehlman@hilcorp.com
(346)237-2131 (office)

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While all reasonable care has been taken to avoid the transmission of viruses, it is the responsibility of the recipient to ensure that the onward transmission, opening, or use of this message and any attachments will not adversely affect its systems or data. No responsibility is accepted by the company in this regard and the recipient should carry out such virus and other checks as it considers appropriate.

Cheryl Weston

From: blm-afmss-notifications@blm.gov
Sent: Friday, September 8, 2023 5:34 PM
To: Cheryl Weston
Subject: [EXTERNAL] Well Name: CANYON LARGO UNIT, Well Number: 186, 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: **CANYON LARGO UNIT**
- Well Number: **186**
- US Well Number: **3003920501**
- Well Completion Report Id: **WCR2023090889269**

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 A (NENE), 990' FNL & 118' FEL

At top prod. Interval reported below

Same as above

At total depth

Same as above

14. Date Spudded

6/22/1972

15. Date T.D. Reached

7/12/1972

16. Date Completed

9/2/2023

☐ D & A☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*

6,765'

18. Total Depth:

7,500'

19. Plug Back T.D.:

7,487'

20. Depth Bridge Plug Set:

MD

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" HS	32.3#	0	224'	n/a	225 cf			
7 7/8"	4.5" KS & KE	11.6#, 10.5#	0	7,500'	n/a	849 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"	7,322'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Point Lookout/Lower Menefee	5,106'	5,239'	1 SPF	.34"	20	open
B)						
C)						
D)						
TOTAL					20	

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

Depth Interval	Amount and Type of Material
5106-5239	Broke well w/ H2O & 1000 gal 15% HCL. Foam Frac w/ 49,770 gal 70 Q slickwater, 150,097# 20/40 sand, 1.82M 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
9/2/2023	9/2/2023	4	➡	0	18 mcf	0 bbls	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	
10/64"	110 psi	550 psi	➡	0	195 mcf/d	0 bwpd	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		0,000'	White, cr-gr ss	Ojo Alamo	0,000'
Kirtland		0,000'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	0,000'
Fruitland		2,858'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	0,000'
Pictured Cliffs	2,858'	0	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2,858'
Lewis		0	Shale w/ siltstone stingers	Lewis	0,000'
Huerfanito Bentonite		3,732'	White, waxy chalky bentonite	Huerfanito Bentonite	0,000'
Chacra	3,732'	4,464'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	3,732'
Cliff House	4,464'	0,000'	Light gry, med-fine gr ss, carb sh & coal	Cliff House	4,464'
Menefee		5,106'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	0,000'
Point Lookout	5,106'	0,000'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5,106'
Mancos		6,120'	Dark gry carb sh.	Mancos	0,000'
Gallup	6,120'	7,030'	Lt. gry to brn calc micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6,120'
Greenhorn	7,030'	7,087'	Highly calc gry sh w/ thin lmst.	Greenhorn	7,030'
Graneros	7,087'	7,230'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7,087'
Dakota	7,230'		Lt to dark gry foss carb sl calc slitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7,230'
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 MV/DK commingle per DHC-5321.

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 Weston Title Operations/Regulatory Technician

Signature Cherylene Weston Date 9/8/2023

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.

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 267662

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 267662
	Action Type: [C-104] Completion Packet (C-104C)

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.

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CONDITIONS

Action 267662

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 267662
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	9/25/2023