interiment District OUL CONSERVATION DIVISION District OUL CONSERVATION DIVISION 30-039-82259 State State State State State District Conservation Santa Fe, NM 87505 State State District Conservation Santa Fe, NM 87505 State OU & Gas Leas District Conservation Santa Fe, NM 87505 State OU & Gas Leas ODI CONSERVATION DIVISION 1220 South St. Francis Dr., Smat Fe, NM 87505 State OU & Gas Leas State Summer Reconservation State OU & Gas Leas State OU & Gas Leas (OD NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DELPEN OR FLIG BACK TO A. Determine of Unit Canyon Largo Unit Conservation State OU & Gas Leas 1. Type of Well: Oil Well Gas Well © Other 136 State OU & GORD NOTH State OU & GORD NOTH 2. Name of Operator 90 ORIGINA 10. Pool name or Wild Blance PC South/Otero 3021 3. Address of Operator 10. Pool name or Wild Blance PC South/Otero 3021 3. Address of Operator 11. Elevation (Show whether DR, RKR, RT, GR, etc.) 6257' GR 12. Check Appropriate Box to Indicate Natur	Form C-103 Revised July 18, 2013			State of New N Energy, Minerals and Na	(P: 8/16/2023 2:03:29 F 75) 393-6161	Office District I – (575)
S11 S. First S., Arassia, MN 88210 DIL CONSERVATION DIVISION 5. Indicate Type of Lea Difficit V. (50) 346-6173 1220 South St. Francis Dr., Santa Fe, NM 5. Indicate Type of Lea Strate V. (50) 3476-5340 Santa Fe, NM 87505 6. State Oil & Gas Lea DO NOT USE THIS FORM FOR PROPONALS TO DIRLL OR TO DEFEN OR FLUG BACK TO A 7. Lease Name or Unit OD NOT USE THIS FORM FOR PROPONALS TO DIRLL OR TO DEFEN OR FLUG BACK TO A 7. Lease Name or Unit OPPERENT RESERVOR, USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH 7. Lease Name or Unit PROPONALS.) 1. Type of Well: Oil Well Gas Well © Other 1.36 2. Name of Operator 9. OGRID Number 1.36 3.4 Address of Operator 9. OGRID Number 321 Road 3100, Azace, NM 87410 4. Well Location Unit Letter N : 790' feet from the South _ line and 1760' feet from the West _ line Section 04 Township 25N Range 06W NMPM Cou 11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6257' GR COMMENCE DRILLING OPNS _ ALTE PAN DOWNHOLE COMMINGLE 0.0000 CHANGE PLANS COMMENCE DRILLING OPNS _ PAN 12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data CASING/CEMENT _ JOB					ch Dr., Hobbs, NM 88240	1625 N. French
Diamand III - (50) 334 - (13) - (1			OIL CONSERVATION DIVISION		,	
1000 Rob Brazes Rd, Aree, NM 87410 Santa Fe, NM 87505 SIAIL [] 1200 S St, Francis Dr., Sama Fe, NM 6. State Oil & Gas Leas 1200 S St, Francis Dr., Sama Fe, NM 7. Lease Name or Unit CON OT USE THIS FORM FOR PROPOSALS: TO DELID G NOT DEEPEN REFUG BACK TO A 7. Lease Name or Unit Canyon Largo Unit Con 8. Well Number 136 1. Type of Well: Oil Well [] Gas Well [] Other 9. OGRID Number 2. Name of Operator 9. OGRID Number 32171 3. Address of Operator 9. OGRID Number 3. Address of Operator 10. Pool name or Wild Blanco PC South/Otero 8. Well Number 11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4. Well Location 11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6257' GR 12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NMPM Coa NOTICE OF INTENTION TO: SUBSEQUENT REPOR CAMMENCE DRILLING OPNS.] PAN PULL OR ALTER CASING MULTIPLE COMPL CASING/CEMENT JOB CASING/CEMENT JOB DOWNHOLE COMMINGLE CLANGE PLANS CASING/CEMENT JOB PAN CALTER CASING MULTIPLE COMPL CASING/CEMENT JOB CASING/CEMENT JOB DOWNHOLE C						,
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382 Road 3100, Aztec, NM 87410 Blanco PC South/Otero 4. Well Location Unit Letter_N		372171				
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hereby certify that the information above is true and complete to the best of my knowledge and belief.		e and belief.	best of my knowledg	is true and complete to the	ify that the information al	hereby certify
hereby certify that the information above is true and complete to the best of my knowledge and benef.		e und bener.	sest of my knowledg		ing that the information at	hereby certify

Type or print name	Cherylene Weston	E-mail address:	cweston@hilcorp.com_	_ PHONE: (713) 289-2615
For State Use Only				

APPROVED BY: Monica Kushling	TITLE	Deputy Oil and Gas Inspector	_{DATE} 10/27/2023
Conditions of Approval (if any):			

•

Canyon Largo Unit Com 136 - P&A API: 3003982259 P&A Subsequent Sundry

- 8/3/2023 MIRU. HOLD PJSM. SITP: 0 PSI, SICP: 0 PSI, SIICP: 0 PSI, SIBHP: 0 PSI. ND WH. WORK SHORT STRING OUT OF WH, 4K SW. LD 71 JTS 1 1/4" 2.4 TBG. NU BOP & FT. RU FLOOR. PULL LONG STRING 8K SW. LD 96 JTS. TIH 3 7/8" BIT & 4.5" SCRAPER TO 3,135' (TOP OF PKR). TOOH ABOVE PERFS TO 2,232'. SISW. SDFN. (NMOCD REP ON LOCATION, JOHN DURHAM)
- 8/4/2023 SITP: 0 PSI, SICP: 0 PSI, SIICP: 0 PSI, SIBHP: 0 PSI. TOOH 35 STDS. TIH, SET 4.5" AS1-X PACKER @ 3,066'. EST RATE. PUMP 14 BBL @ 1.5 BPM. 1050# BLED BACK TO 600#. TOOH TO 2,297'. SET PACKER. LW 3 BBL, PT CSG TO 500# (BAD TEST). TOOH, LD PACKER. TIH, SET CICR #1 @ 3,066'. LW 1.5 BBL, CIRC 47.5 BBL. EST RATE 1.5 BPM @ 800#. PUMP 3 BBL CEMENT PLUG #1 (CHACRA): 31 SX 1.37, 14.8#, 6.64 GAL/SX. TOC 2,866', BOC 3,193'. 14 SX ABOVE, 17 SX BELOW. DISPLACE 11 BBL. LD 8 JTS. W.O.C. TOOH 44 STDS. TIH, TAG PLUG #1 @ 2,850'. LD 20 JTS. TOOH 35 STDS. TIH, SET CICR @ 2,275'. LW 1/2 BBL. CIRC 3 BBL, TOOH 35 STDS. RU WL, RUN CBL FROM 2,275' TO SURF. RD WL. SISW. SDFN. (NMOCD REP ON LOCATION, JOHN DURHAM)
- 8/7/2023 HOLD PJSM. CHECK PSI ON WELL SITP: 0 PSI, SICP: 0 PSI, SIICP: 0 PSI, SIBHP: 0 PSI. TIH W/2.375" TBG TO 2,275'. CIRC 2 BBL. PT CSG 500# (BAD TEST). CEMENT PLUG #2 (PICTURED CLIFFS): 14 SX 1.37, 14.8#, 6.64 GAL/SX. TOC 2,075', BOC 2,275'. DISP 8 BBL, LD 7 JTS. W.O.C. TOOH 32 STDS. TAG PLUG #2 @ 2,099'. LD 4 JTS, HOLE FULL. CIRC 2 BBL. PT CSG 500# (BAD TEST). CEMENT PLUG #3 (KIRTLAND/OJO): 31 SX 1.37, 14.8#, 6.64 GAL/SX. TOC 1,530', BOC 1,990'. DISP 5.9 BBL, LD 16 JTS. TOOH 23 STDS, W.O.C. SISW. SDFN. (NMOCD REP ON LOCATION, JOHN DURHAM)
- 8/8/2023 HOLD PJSM. CHECK PSI ON WELL SITP: 0 PSI, SICP: 0 PSI, SIBHP: 0 PSI. TIH, TAG PLUG #3 @ 1,598', LD 50 JTS. RIH, PERF @ 145'. POOH. LW 1.5 BBL, CIRC 20 BBL. RD WL. CEMENT PLUG #4 (SURFACE SHOE): 60 SX 1.37, 14.8#, 6.64 GAL/SX. TOC 0', BOC 145'. RD FLOOR. ND BOP. PREP TO CUT OFF WH (W.O.C.). CUT OFF WH. TOC IN 4.5" 75', TOC 8-5/8" 70'. WELD P&A MARKER. FILL CSG/CELLAR W/38 SX CEMENT. RR @ 17:00 8/8/23. (NMOCD REP ON LOCATION JOHN DURHAM).

Hilcorp Energy Company

Current Schematic - Version 3

Well Name: CANYON LARGO UNIT COM #136

91/UWI 0039822		Surface Legal Location 004-025N-006W-N	Field Name OTERO (CHACF	/	Route 0910	State/Prov NEW M	EXICO	Well Configuration Type
ound Eleva 257.00	ation (ft)	Original KB/RT Elevation (ft) 6,267.00		RKB to GL (ft) 10.00	KB-Casing	Flange Distance (ft)	KB-Tubing Han	ger Distance (ft)
				Original Ha				
		[Original Ho	le			
MD (ftKB)	TVD (ftKB)			Vertical sch	ematic (actual)			
						Cement	Plug #4 (Surfa	ace Shoe), Plug,
9.8 -		n an	ahiddin minaidd Adodiodii A			8/8/202		-145.00; 2023-08-08
111.9 -						08:30 Surface	Casing Cemer	nt, Casing, 5/29/1966
112.9 -						11 1		966-05-29; CEMENT MT TO SURFACE
145.0 -					•	Cement	: Squeeze, Squ	eeze, 8/8/2023 08:30;
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1,598.1 -						ftKB; 11	3.00 ftKB	
1,680.1 -						PERFS);	145.00-146.00	8/2023 08:30 (SQUEEZE ; 2023-08-08 08:30
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1,940.0 -		Fruitland (Fruitland (final))						
1,990.2 -						Cement	: Plug #2 (Pictu	ired Cliffs), Plug,
2,099.1 -						8/7/202		00-2,275.00; 2023-08-
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2,319.9 -			RED CLIFFS (fin –					ment, Casing, 6/6/1966 00; 1966-06-06;
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3,066.9 -			3,066.00-3,067.0					
3,134.8 -		4.09 in, Packer, 3,135.0	0, 3,136.0; 3,135.00]				
3,136.2 -			3,136.0	Sec. August				
3,190.0 -		— CHACRA (CHACRA (final))						1
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3,211.0 -					1000 T	1966-07	7-11	7/10/1966 00:00
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3,304.1 -					1	1966-0 Product		nent, Casing, 6/6/1966
3,397.0 -		Cement Pl	ug (PBTD); 3,397.0	0		00:00 (p	olug); 3,397.00-	3,418.00; 1966-06-06;
3,416.0 -						(8/4/23)		; TOC @ 1,680' BY CBL
3,417.0 -								00ftKB; 4 1/2 in; 4.09 in
3,418.0 -						10.00 ft	KB; 3,417.00 ft	KΒ

Cheryl Weston

From:	Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov></monica.kuehling@emnrd.nm.gov>
Sent:	Friday, August 4, 2023 2:44 PM
То:	Michael Wissing; Harrison, John, EMNRD
Cc:	Roy Kimbel - (C); Rustin Mikeska; Mandi Walker; Cheryl Weston
Subject:	RE: [EXTERNAL] Hilcorp P&A change request- Canyon Largo Unit 136 (3003982259)

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

NMOCD approves below with capacity plus 100% to Chacra perfs .

Thank you

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

From: Michael Wissing <mwissing@hilcorp.com> Sent: Friday, August 4, 2023 12:52 PM To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Harrison, John, EMNRD <John.Harrison@emnrd.nm.gov> Cc: Roy Kimbel - (C) <Roy.Kimbel@hilcorp.com>; Rustin Mikeska <rmikeska@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com>; Cheryl Weston <cweston@hilcorp.com> Subject: [EXTERNAL] Hilcorp P&A change request- Canyon Largo Unit 136 (3003982259)

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

Canyon Largo Unit 136 API 3003982259

Hey Monica and John,

Here are a few updates on the following P&A work. We are requesting to leave the packer in the hole and adjust the bottom Chacra cement plug.

- 1. Laid down both 1-1/4" tbg strings and found the 4.5" packer at 3135'
- 2. Ran retrievable packer below PC perfs (2326'-344') to verify injection into Chacra perfs (3193'-304'),
- 3. Set 4.5" CICR at 3066' with production pkr in wellbore at 3135' (verbal change request)

- 4. Squeeze cmt below CICR from 3066'-3193' with 100% excess (verbal change request)
- 5. 200' cmt balanced plug from 2866'-3066', tag (Chacra top 3190', top perf 3193') (verbal change request)
- 6. Back to approved P&A NOI- CIRC 2275' and run CBL

Michael Wissing Ops Engr- P&A Mobile: 318-572-7870 *Hilcorp Energy Company*

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Cheryl Weston

From:	Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov></monica.kuehling@emnrd.nm.gov>
Sent:	Monday, August 7, 2023 10:06 AM
То:	Michael Wissing; Harrison, John, EMNRD
Cc:	Roy Kimbel - (C); Rustin Mikeska; Mandi Walker; Cheryl Weston
Subject:	RE: [EXTERNAL] Hilcorp P&A change request #2- Canyon Largo Unit 136 (3003982259)

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NMOCD APPROVAL IS GIVEN TO BELOW- JOHN DURHAM IS ON SITE

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

From: Michael Wissing <mwissing@hilcorp.com> Sent: Monday, August 7, 2023 6:47 AM To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Harrison, John, EMNRD <John.Harrison@emnrd.nm.gov> Cc: Roy Kimbel - (C) <Roy.Kimbel@hilcorp.com>; Rustin Mikeska <rmikeska@hilcorp.com>; Mandi Walker <mwalker@hilcorp.com>; Cheryl Weston <cweston@hilcorp.com> Subject: [EXTERNAL] Hilcorp P&A change request #2- Canyon Largo Unit 136 (3003982259)

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Good morning, Monica,

Based on our CBL results Friday, we don't see any major changes to the cement plugs. We do have 1 request on the surface/csg shoe cmt plug to adjust based on cmt/collar.

- 1. CBL completed.
 - a. WOC and tag plugs-failed PT on csg.
- 2. No change to approved NOI with balanced cmt plugs for PC, FRC, Kirtland, and Ojo formation tops
- 3. Perf 4.5" at 145' (Change request- due to CBL results)
- 4. Circulate surface/csg shoe cmt plug at 145' with 4-1/2" and 8-5/8" csgs.
- 5. Cut whd and top off with cmt.

Thank you!

Michael Wissing

318-572-7870 cell

From: Kuehling, Monica, EMNRD <<u>monica.kuehling@emnrd.nm.gov</u>> Sent: Friday, August 4, 2023 2:44 PM To: Michael Wissing <<u>mwissing@hilcorp.com</u>>; Harrison, John, EMNRD <<u>John.Harrison@emnrd.nm.gov</u>> Cc: Roy Kimbel - (C) <<u>Roy.Kimbel@hilcorp.com</u>>; Rustin Mikeska <<u>rmikeska@hilcorp.com</u>>; Mandi Walker <<u>mwalker@hilcorp.com</u>>; Cheryl Weston <<u>cweston@hilcorp.com</u>> Subject: RE: [EXTERNAL] Hilcorp P&A change request- Canyon Largo Unit 136 (3003982259)

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NMOCD approves below with capacity plus 100% to Chacra perfs .

Thank you

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

From: Michael Wissing <<u>mwissing@hilcorp.com</u>> Sent: Friday, August 4, 2023 12:52 PM To: Kuehling, Monica, EMNRD <<u>monica.kuehling@emnrd.nm.gov</u>>; Harrison, John, EMNRD <<u>John.Harrison@emnrd.nm.gov</u>> Cc: Roy Kimbel - (C) <<u>Roy.Kimbel@hilcorp.com</u>>; Rustin Mikeska <<u>rmikeska@hilcorp.com</u>>; Mandi Walker <<u>mwalker@hilcorp.com</u>>; Cheryl Weston <<u>cweston@hilcorp.com</u>> Subject: [EXTERNAL] Hilcorp P&A change request- Canyon Largo Unit 136 (3003982259)

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Canyon Largo Unit 136 API 3003982259

Hey Monica and John,

Here are a few updates on the following P&A work. We are requesting to leave the packer in the hole and adjust the bottom Chacra cement plug.

- 1. Laid down both 1-1/4" tbg strings and found the 4.5" packer at 3135'
- 2. Ran retrievable packer below PC perfs (2326'-344') to verify injection into Chacra perfs (3193'-304'),
- 3. Set 4.5" CICR at 3066' with production pkr in wellbore at 3135' (verbal change request)
- 4. Squeeze cmt below CICR from 3066'-3193' with 100% excess (verbal change request)

- 5. 200' cmt balanced plug from 2866'-3066', tag (Chacra top 3190', top perf 3193') (verbal change request)
- 6. Back to approved P&A NOI- CIRC 2275' and run CBL

Michael Wissing Ops Engr- P&A Mobile: 318-572-7870 *Hilcorp Energy Company*

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

CONDITIONS

372171
Action Number:
252900
Action Type:
[C-103] Sub. Plugging (C-103P)
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CONDITIONS

Created By	Condition	Condition Date
mkuehling	well plugged 8/8/2/23 -submit 103Q by 8/8/2024	10/27/2023

Page 9 of 9