Energy, Minerals and Natural Resources Revised July 18, 2013	Received by OCP: 5/24/2022 1:19:49	State of New Me	xico		Form C-103	
Indicate Decision Colors Notice Notice Colors Notice Notice Colors Notice Colors Notice Colors Notice Notice Colors Notice		Energy, Minerals and Natur	ral Resources	Revised July 18, 2013		
SILE, First St., Artesia, NM 88210 Dill. CONSERVATION DIVISION	1625 N. French Dr., Hobbs, NM 88240					
District III - (35) 334-6178 1220 South St. Francis Dr. Santa Fe, NM 87505 SunDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS DOEM FOR PROPOSALS, TO DRILL OR TO DEEPPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PREMIT" (FORM C-101) FOR SUCH PROPOSALS.) To DRILL OR TO DEEPPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PREMIT" (FORM C-101) FOR SUCH PROPOSALS.) Santa Fe, NM 87410		OIL CONSERVATION	DIVISION			
Santa Fe, NM 87505 6. State Oil & Gas Lease No. B-11017-60	<u>District III</u> – (505) 334-6178	1220 South St. Fran	ncis Dr.			
12.04 S. Francis Dr., Santa Fe, NM ST905		Santa Fe, NM 87	505			
SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS PORM FOR PROPOSALS TO DRILL OR TO DEEPPEN OR PLUG BACK TO A DIFFERENT RESERVOR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) 1. Type of Well: Oil Well						
OD NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) 1. Type of Well: Oil Well Gas Well Other		VICES AND DEPODES ON WELLS		5 x x		
State Com A				7. Lease Name	e or Unit Agreement Name	
1. Type of Well: Oil Well	DIFFERENT RESERVOIR. USE "APPLIE				State Com A	
2. Name of Operator Hilcorp Energy Company 3. Address of Operator 382 Road 3100, Aztec, NM 87410 4. Well Location Unit Letter N : 800 feet from the South line and 1695 feet from the West line Section 16 Township 28N Range 9W NMPM County San Juan 11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6268' GL 12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK PLUG AND ABANDON SUBSEQUENT REPORT OF: TEMPORARILY ABANDON CHANGE PLANS COMMENCE DRILLING OPNS. PAND A DOWN-HOLE COMMINGLE CLOSED-LOOP SYSTEM RECOMPLETE - REVISED OTHER: 13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion. REVISED: Hilcorp Energy Company requests permission to revise the previously submitted recomplete procedure to include plugging back the Dakota formation and additional cement work. Please see the attached revised procedure.	_	Gos Wall M Other				
Address of Operator 382 Road 3100, Aztec, NM 87410 10. Pool name or Wildeat Blanco Mesaverde / Basin Dakota		Gas Well 🖂 Other				
3. Address of Operator 382 Road 3100, Aztec, NM 87410 4. Well Location Unit Letter N : 800 feet from the South line and 1695 feet from the Section 16 Township 28N Range 9W NMPM County San Juan 11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6268' GL 12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK PLUG AND ABANDON CHANGE PLANS COMMENCE DRILLING OPNS. PAND A CASING/CEMENT JOB PULL OR ALTER CASING MULTIPLE COMPL CASING/CEMENT JOB CASING/CEMENT JOB 13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion. REVISED: Hilcorp Energy Company requests permission to revise the previously submitted recomplete procedure to include plugging back the Dakota formation and additional cement work. Please see the attached revised procedure. Spud Date: Rig Release Date:		1				
382 Road 3100, Aztec, NM 87410 Blanco Mesaverde / Basin Dakota						
Unit Letter N: 800 feet from the South line and 1695 feet from the West line Section 16 Township 28N Range 9W NMPM County San Juan 11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6268' GL 12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK ALTERING CASING COMMENCE DRILLING OPNS. P AND A PULL OR ALTER CASING MULTIPLE COMPL CASING/CEMENT JOB DOWNHOLE COMMINGLE CLOSED-LOOP SYSTEM RECOMPLETE - REVISED OTHER: 13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion. REVISED: Hilcorp Energy Company requests permission to revise the previously submitted recomplete procedure to include plugging back the Dakota formation and additional cement work. Please see the attached revised procedure. Spud Date: Rig Release Date:		M 87410		Blanco Me	esaverde / Basin Dakota	
Section 16	4. Well Location					
Section 16	Unit Letter N: 800 f	feet from the South line and 1695	5 feet from the We	est line		
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6268' GL 12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK ALTERING CASING TEMPORARILY ABANDON CHANGE PLANS COMMENCE DRILLING OPNS. P AND A PULL OR ALTER CASING MULTIPLE COMPL CASING/CEMENT JOB DOWNHOLE COMMINGLE CLOSED-LOOP SYSTEM RECOMPLETE - REVISED OTHER: 13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion. REVISED: Hilcorp Energy Company requests permission to revise the previously submitted recomplete procedure to include plugging back the Dakota formation and additional cement work. Please see the attached revised procedure. Spud Date: Rig Release Date:					San Juan	
12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:			RKB, RT, GR, etc.)			
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK ALTERING CASING COMMENCE DRILLING OPNS. PAND A DOWNHOLE COMMINGLE CLOSED-LOOP SYSTEM RECOMPLETE - REVISED OTHER: Taken of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion. REVISED: Hilcorp Energy Company requests permission to revise the previously submitted recomplete procedure to include plugging back the Dakota formation and additional cement work. Please see the attached revised procedure. Spud Date: Rig Release Date: R		6268'	GL			
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK ALTERING CASING TEMPORARILY ABANDON CHANGE PLANS COMMENCE DRILLING OPNS. P AND A DOWNHOLE COMMINGLE CLOSED-LOOP SYSTEM RECOMPLETE - REVISED OTHER: Total Times of Starting any proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion. REVISED: Hilcorp Energy Company requests permission to revise the previously submitted recomplete procedure to include plugging back the Dakota formation and additional cement work. Please see the attached revised procedure. Spud Date: Rig Release Date:						
PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK ALTERING CASING DOWNHOLE CASING MULTIPLE COMPL CASING/CEMENT JOB DOWNHOLE COMMINGLE SEE TO THER: RECOMPLETE - REVISED OTHER: TOTHER: TOT	12. Check A	Appropriate Box to Indicate Na	ature of Notice,	Report or Oth	ner Data	
PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK ALTERING CASING DAND A REMPORARILY ABANDON ALTER CASING AUTHOR COMMENCE DRILLING OPNS. PAND A DAND A DOWNHOLE COMMINGLE CLOSED-LOOP SYSTEM RECOMPLETE - REVISED OTHER: The proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion. REVISED: Hilcorp Energy Company requests permission to revise the previously submitted recomplete procedure to include plugging back the Dakota formation and additional cement work. Please see the attached revised procedure. Spud Date: Rig Release Date:	NOTICE OF IN	ITENITION TO	l cup	CECHENT F	DEPORT OF	
TEMPORARILY ABANDON						
PULL OR ALTER CASING	<u> </u>					
DOWNHOLE COMMINGLE CLOSED-LOOP SYSTEM OTHER: RECOMPLETE - REVISED OTHER: 13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion. REVISED: Hilcorp Energy Company requests permission to revise the previously submitted recomplete procedure to include plugging back the Dakota formation and additional cement work. Please see the attached revised procedure. Spud Date: Rig Release Date:						
CLOSED-LOOP SYSTEM OTHER: RECOMPLETE - REVISED OTHER: 13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion. REVISED: Hilcorp Energy Company requests permission to revise the previously submitted recomplete procedure to include plugging back the Dakota formation and additional cement work. Please see the attached revised procedure. Spud Date: Rig Release Date:			O' (O' (O' O' C' ME I T	. 002	1	
OTHER: RECOMPLETE - REVISED OTHER: 13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion. REVISED: Hilcorp Energy Company requests permission to revise the previously submitted recomplete procedure to include plugging back the Dakota formation and additional cement work. Please see the attached revised procedure. Spud Date: Rig Release Date:	 -					
of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion. REVISED: Hilcorp Energy Company requests permission to revise the previously submitted recomplete procedure to include plugging back the Dakota formation and additional cement work. Please see the attached revised procedure. Spud Date: Rig Release Date:			_]	
proposed completion or recompletion. REVISED: Hilcorp Energy Company requests permission to revise the previously submitted recomplete procedure to include plugging back the Dakota formation and additional cement work. Please see the attached revised procedure. Spud Date: Rig Release Date:						
REVISED: Hilcorp Energy Company requests permission to revise the previously submitted recomplete procedure to include plugging back the Dakota formation and additional cement work. Please see the attached revised procedure. Spud Date: Rig Release Date:						
back the Dakota formation and additional cement work. Please see the attached revised procedure. Spud Date: Rig Release Date:	proposed completion or rec	completion.				
back the Dakota formation and additional cement work. Please see the attached revised procedure. Spud Date: Rig Release Date:	REVISED: Hilcorp Energy Compar	av requests permission to revise the r	previously submitte	d recomplete pro	ocedure to include plugging	
					1 188 8	
	C ID:	D: D 1 D	,			
I hereby certify that the information above is true and complete to the best of my knowledge and belief.	Spud Date:	Rig Release Da	ite:			
I hereby certify that the information above is true and complete to the best of my knowledge and belief.						
r hereby certify that the information above is true and complete to the best of my knowledge and belief.	I handhy contife that the informer	above is two and associate to d. 1	ot of m11-1	a and halias		
	I nereby certify that the information	above is true and complete to the be	est of my knowledge	e and belief.		
SIGNATUREKandis RolandTITLE: Operations/Regulatory Technician-Sr. DATE5/24/2022	SIGNATURE Kandís Rola	and TITLE: Operation	ns/Regulatory Techi	nician-Sr. DA	ATE 5/24/2022	
Type or print name Kandis Roland E-mail address: kroland@hilcorp.com PHONE: 713-757-5246		nd E-mail address	: kroland@hilcorp	o.comPHC	ONE: 713-757-5246	
For State Use Only	For State Use Only					
APPROVED BY: Monica Kushling TITLE Deputy Oil and Gas Inspector DATE 5/24/2022	APPROVED BY: Mario	Kunhling THE DON'T	ty Oil and Gae In	spector	DATE 5/2/1/2022	
APPROVED BY: <i>Monica Kushling</i> TITLE Deputy Oil and Gas Inspector DATE 5/24/2022 Conditions of Approval (if any):	Conditions of Approval (if any):	111LE Depui	cy On and Odo III	opooloi	DAIE VILTILULL	

State Com A2

N - 16 - 28N - 09W 800 FSL 1695 FWL

API#: 3004507401

Mesa Verde Recompletion Procedure

05/24/2022

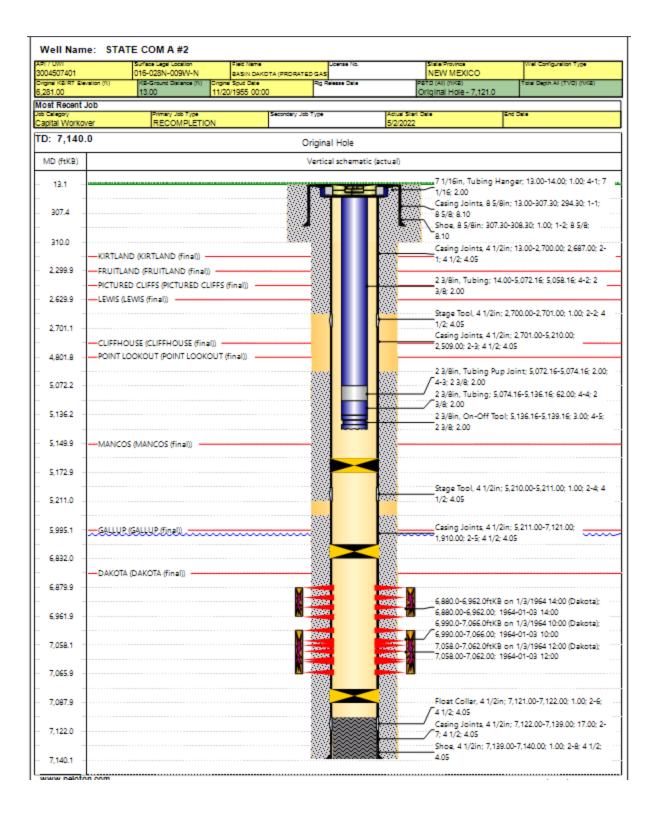
Prior work:

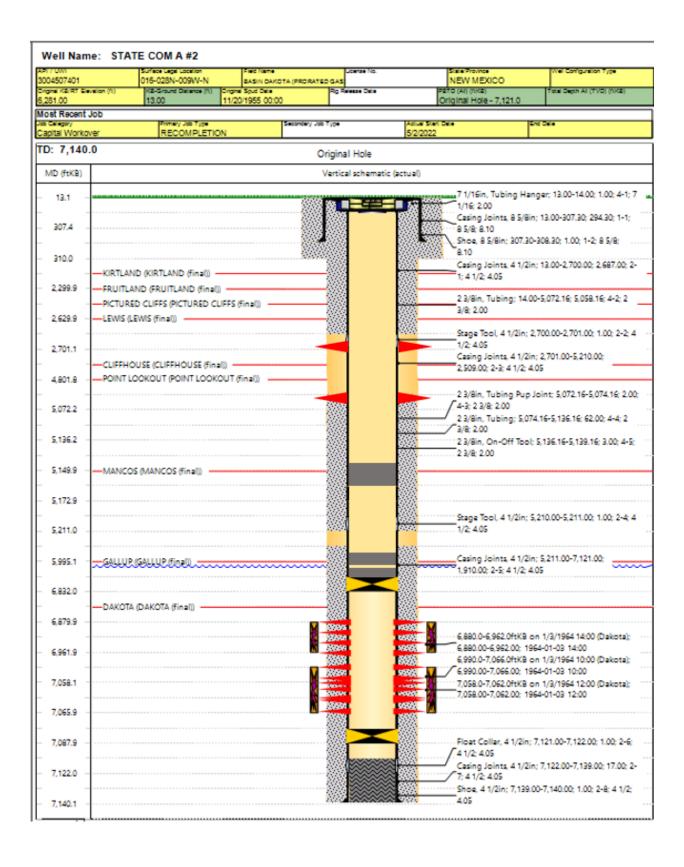
- 1. Pulled tubing and set CIBP at 7,086'
- 2. Set CIBP below Mesaverde at 6,830' and pressure tested wellbore to frac pressure (no good)
- 3. Isolate two leaking intervals from 5,223'-5,285' (inside Mancos interval we intend to abandon) and from 2,713'-2,744'
- 4. Set RBP at 5173', landed tubing at 5136'

Procedure:

- 1. MIRU Workover rig. ND wellhead, NU BOP.
- 2. RIH and latch RBP, POOH with RBP standing back 2-3/8' tubing
- 3. RIH to CIBP with 2-3/8"
- 4. Spot 50' (TOC at 6,780') of Type III cement to permanently abandon the Dakota perfs.
- 5. Circulate plug fluid to 6045'
- 6. Spot 150' of cement from 6045' to 5895' to cover Gallup top
- 7. Circulate plug fluid to 5200'
- 8. Spot 150' of cement from 5200' to 5050' to cover Mancos top. WOC and tag cement plug to verify top. (HIC isolated 5223-5285'). DV tool at 5210' provides outside cement coverage per CBL ran 05/06/2022 by Basin Well Logging.
- 9. Circulate fluid if needed to fill wellbore for perforating.
- 10. RU E-line and MU DP charges. RIH and perf at ±4,800' and ± 2,730'. RDMO E-Line.
- 11. PU test packer and RIH to ±4,700'. Attempt to establish injection into perforation at 4800' with water. Increase pressure in 500 PSI increments if perforations will not take fluid, do not exceed 2000 PSI.
 - a. If injection is successful, monitor returns up TCA for signs of drilling mud/contaminated cement to estimate volume behind casing.
 - b. If unable to circulate but holes take fluid, pump a total of 30 bbl. or for 30 minutes, whichever is reached first
 - c. If injection is tight, spot 200 gals of 15% HCl, no foamer, to improve communication
 - d. Flush acid if needed with 2% KCL and flush to perf (20 bbl.)

- 12. POOH with test packer, and PU CICR
- 13. RIH and set retainer at 4700', function test retainer and prep to squeeze
 - a. Pump Type III cement blend at 12.5 ppg from Drake.
- 14. Squeeze cement below retainer, do not exceed 1500 PSI STP
 - a. Cement volume to be determined from injection test, will not exceed 60 bbl.
- 15. Sting out of retainer, reverse circulate bottoms up.
- 16. POOH with stinger and stand back tubing.
- 17. WOC for 72 hours
- 18. MIRU WL to run CBL from CICR at 4700' to 2700'
- 19. Evaluate CBL and submit to NMOCD with updated NOI for forward work.





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

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 109981

CONDITIONS

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	109981
	Action Type:
	[C-103] NOI Recompletion (C-103E)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	With holes above you a casing test will not be achieved - WOC on all plugs -the Dakota plug needs to be ran from top of CIBP at 6830 to 6680 reversing out at 6045 WOC - approved - Gallup balanced plug from 6045 to 5895 reversing out at 5200 WOC - approved - With holes below Mancos top - cement retainer is advised- plug 5200 to 5050 WOC - approved - perforating +/-4700 and +/-2730 approved Contact this office with any problems that may arise - monitor bradenhead pressure - Pressure test required with witness from this office from top of Mancos plug to surface when drilled out.	5/24/2022