

Santa Fe Main Office Phone: (505) 476-3441 Fax: (55) 476-3462 General Information Phone: (505) 629-6116  Online Phone Directory Visit: <a href="https://www.emnrd.nm.gov/ocd/contact-us/">https://www.emnrd.nm.gov/ocd/contact-us/</a>	State of New Mexico Energy, Minerals & Natural Resources Department <b>OIL CONSERVATION DIVISION</b>	<b>C-104</b> Revised July 9, 2024  Submit Electronically Via OCD Permitting
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**REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT****Section 1 - Operator and Well Information**

Submittal Type: <input type="checkbox"/> Test Allowable (C-104RT) <input type="checkbox"/> New Well (C-104NW) <input checked="" type="checkbox"/> Recomplete (C-104RC) <input type="checkbox"/> Pay Add (C-104RC) <input type="checkbox"/> Amended	
Operator Name: Hilcorp Energy Company	OGRID: 372171
Property Name and Well Number: SAN JUAN 28-7 UNIT 187E	Property Code: 318432
Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal	API Number: 30-039-23747
Pool Name: BLANCO-MESAVERDE	Pool Code: 72319

**Section 2 – Surface Location**

UL P	Section 24	Township 28N	Range 07W	Lot	Ft. from N/S 1180'S	Ft. from E/W 1160'E	Latitude 36.6427231	Longitude -107.5197983	County RIO ARRIBA
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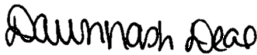
**Section 3 – Completion Information**

Producing Method Flowing	Ready Date 12/12/2024	Perforations MD 4614'-5333'	Perforations TVD 4614'-5333'
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**Section 4 – Action IDs for Submissions and Order Numbers**





List Action IDs for Drilling Sundries	Was an Order required / needed (Y/N), if yes list Order number:
C-104 RT Action ID (if C-104NW): 398739	Communitization Agreement <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Surface Casing Action ID: Previous to system	Unit: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Intermediate 1 Casing Action ID: Previous to system	Compulsory Pooling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Intermediate 2 Casing Action ID: Previous to system	Down Hole Commingling: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No, Order No. Pending DHC approval
Production Casing Action ID: Previous to system	Surface Commingling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
All casing was pressure tested in accordance with NMAC <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Non-standard Location: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Common ownership Order No.
Liner 1 Action ID: Previous to system	Non-standard Proration: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Casing was installed prior to OCD's Action ID system (Y/N): Yes	Simultaneous Dedication: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.

**Section 5 - Operator Signature and Certification**

<input checked="" type="checkbox"/> I hereby certify that the required Water Use Report has been, or will be, submitted for this well's completion.	
<input checked="" type="checkbox"/> I hereby certify that the required Fracfocus disclosure has been, or will be, submitted for this well's completion.	
<input checked="" type="checkbox"/> 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.	
Name: Dawn Nash-Deal 	
Title: Operations Regulatory Tech *Note: Extension granted on 11/18/2024 via email, new C-104 RC due 12/29/2024 (S.McGrath)	Date: 12/20/2024

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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other										5. Lease Serial No. <b>NMSF079290A</b>	
b. Type of Completion: <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr.,										6. If Indian, Allottee or Tribe Name	
Other: <b>RECOMPLETE</b>										7. Unit or CA Agreement Name and No.	
2. Name of Operator <b>Hilcorp Energy Company</b>										8. Lease Name and Well No. <b>SAN JUAN 28-7 UNIT 187E</b>	
3. Address <b>382 Road 3100, Aztec, NM 87410</b>					3a. Phone No. (include area code) <b>(505) 599-3400</b>					9. API Well No. <b>30-039-23747</b>	
4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface <b>P (SE/SE) 1180' FSL &amp; 1160' FEL</b>  At top prod. Interval reported below  At total depth										10. Field and Pool or Exploratory <b>BLANCO MESAVERDE</b>	
										11. Sec., T., R., M., on Block and Survey or Area <b>SEC. 24, 28N, 07W</b>	
										12. County or Parish <b>Rio Arriba</b>	13. State <b>New Mexico</b>
14. Date Spudded <b>8/3/1985</b>			15. Date T.D. Reached <b>8/10/1985</b>			16. Date Completed 12/12/2024 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.			17. Elevations (DF, RKB, RT, GL)* <b>6249'</b>		
18. Total Depth: <b>7503'</b>				19. Plug Back T.D.: <b>7498'</b>				20. Depth Bridge Plug Set: MD TVD			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)								22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> 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 Cement Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled		
<b>12 1/4"</b>	<b>9 5/8", K-55</b>	<b>32.3</b>		<b>218'</b>		<b>110 SKS</b>					
<b>8 3/4"</b>	<b>7", J-55</b>	<b>20</b>		<b>3322'</b>		<b>215 SKS</b>					
<b>6 1/4"</b>	<b>4 1/2", K-55</b>	<b>10.5 &amp; 11.6</b>		<b>7503'</b>		<b>360 SKS</b>					
24. Tubing Record											
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)			
<b>2 3/8"</b>	<b>5371'</b>										
25. Producing Intervals											
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status			
A) <b>BLANCO MESAVERDE</b>		<b>4614'</b>	<b>5333'</b>	<b>1 SPF</b>		<b>0.29"</b>	<b>26</b>	<b>OPEN</b>			
B)											
C)											
D)											
27. Acid, Fracture, Treatment, Cement Squeeze, etc.											
Depth Interval			Amount and Type of Material								
<b>BLANCO MESAVERDE (4614'-5333')</b>			FOAM FRAC'D WITH 280,341 LBS 20/40, ARIZONA AND 97,062 GAL SLICKWATER AND 3.34 MILLION SCF N2. 70 QUALITY.								
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		
<b>12/12/2024</b>	12/12/2024	4		0	81	3			<b>Flowing</b>		
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status			
<b>26/64"</b>	<b>680 PSI</b>	<b>680 PSI</b>		0	486	3		<b>Producing</b>			
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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status			
	SI										

\*(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 (Sold, 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	2200'	2280'	White, cr-gr ss	Ojo Alamo	2200'
Kirtland	2280'	2720'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2280'
Fruitland	2720'	2980'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2720'
Pictured Cliffs	2980'	3115'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	2980'
Lewis	3115'	3922'	Shale w/ siltstone stingers	Lewis	3115'
Chacra	3922'	4617'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	3922'
Cliffhouse	4617'	4645'	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	4617'
Menefee	4645'	5131'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4645'
Point Lookout	5131'	5631'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5131'
Mancos	5631'	6140'	Dark gry carb sh.	Mancos	5631'
Gallup	6140'	7102'	Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6140'
Greenhorn	7102'	7159'	Highly calc gry sh w/ thin lmst.	Greenhorn	7102'
Graneros	7159'	7286'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7159'
Dakota	7286'		Lt to dark gry foss carb sl calc sl sity ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7286'
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 an MV standalone pending DHC approval.  
LEASE# NMNM-078413A

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)

Dawn Nash-Deal

Title

Operations/Regulatory Technician

Signature



Date

12/16/2024

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.

Subject: [EXTERNAL] WCR2024122094081 SAN JUAN 28-7 UNIT, Well Number: 187E, Notification of Well Completion Acceptance  
Received by OED on 12/20/24 at 1:58 PM

Sent: 12/20/2024, 1:58:45 PM  
From: blm-afmss-notifications@blm.gov<blm-afmss-notifications@blm.gov>  
To: Dawn Nash-Deal

**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: **SAN JUAN 28-7 UNIT**
- Well Number: **187E**
- US Well Number: **3003923747**
- Well Completion Report Id: **WCR2024122094081**

This notification is automatically generated. Please do not reply to this message as this account is not monitored.



Well Operations Summary L48

Well Name: SAN JUAN 28-7 UNIT #187E

API: 3003923747	Field: DK	State: NEW MEXICO
Permit to Drill (PTD) #:	Sundry #:	Rig/Service: BHE 38

Jobs

Actual Start Date: 11/1/2024End Date:

Report Number 12	Report Start Date 11/15/2024	Report End Date 11/15/2024
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Operation

CREW TRAVEL T/PROPERTY GATE.  
DROVE T/LOC F/PROPERTY GATE. PJSM. SICP-0, SITP-0, SIICP-0, SIBHP-0. BDW 0 MINUTES.,NO PRESSURE.  
CONT TIH W/2-3/8" TBG F/DERRICK & P/U F/TRAILER T/7170'.  
DISPLACE HOLE W/103 BBLS 2% KCL.  
TOH & L/D 2-3/8" 4.7#, J-55 TBG T/830'.  
SWI. WINTERIZE EQUIP. SECURE LOC. SDFN. CREW TRVL F/LOC T/PROPERTY GATE.  
CREW TRVL T/YARD.

Report Number 13	Report Start Date 11/16/2024	Report End Date 11/16/2024
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Operation

CREW TRAVEL T/PROPERTY GATE.  
DROVE T/LOC F/PROPERTY GATE. PJSM. SICP-0, SITP-0, SIICP-0, SIBHP-0. BDW 0 MINUTES, NO PRESSURE.  
FINISH TOH W/2-3/8" 4.7#, J-55 TBG F/830'.  
R/U E-LINE. M/U PERFORATING GUNS. PERFORATE THE MANCOS (EL VADO) IN TWO RUNS USING 3-1/8" DISPOSABLE GUNS, 22.7g CHARGES, 0.45' DIAMETER HOLES. TOTAL OF 63 SHOTS @ 1 SPF & 0 DEG PHASING.  
PERF DEPTHS AS FOLLOWS:  
6164', 6182', 6204', 6226', 6255', 6265', 6281', 6291', 6299', 6305', 6312', 6320', 6333', 6339', 6348', 6355', 6363', 6373', 6380', 6386', 6392', 6399', 6404', 6410', 6418', 6422', 6428', 6444', 6452', 6465', 6482', 6486', 6496', 6504', 6514', 6527', 6534', 6540', 6544', 655', 6555', 6558', 6564', 6570', 6575', 6580', 6586', 6592', 6598', 6602', 6606', 6612', 6618', 6623', 6634', 6638', 6644', 6566', 6672', 6676', 6681', 6686' & 6697'.

RUN 4-1/2" FRAC THROUGH PLUG & SET @ 5600'.  
M/U 10' 2-7/8" PUP JNT & DUAL DISK SUB ON 4-1/2" MODEL-D PKR, RUN & SET @ 4550'. R/D E-LINE.  
SWI. WINTERIZE EQUIP. SECURE LOC. SDFN. CREW TRVL F/LOC T/PROPERTY GATE.  
CREW TRVL T/YARD.

Report Number 14	Report Start Date 11/17/2024	Report End Date 11/17/2024
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Operation

CREW TRAVEL T/PROPERTY GATE.  
DROVE T/LOC F/PROPERTY GATE. PJSM. SICP-0, SITP-0, SIICP-0, SIBHP-0. BDW 0 MINUTES, NO PRESSURE.  
M/U MODEL-D PKR, SEAL ASSMBLY, DRIFT & TIH ON 2-7/8" 6.5#, P-110, RTS-8 IJ TBG.  
TAG MODEL-D PKR @5600'. M/U TBG HANGER. SPACE OUT STRING. LOAD HOLE W/2% KCL. STING INTO PKR. PULL 20K OVER T/ENERGIZE PKR.  
LAND TBG W/15K COMPRESSION.  
PRTS TBG ANNULUS T/500 PSI, OK.  
SWI. WINTERIZE EQUIP. SECURE LOC. SDFN. CREW TRVL F/LOC T/PROPERTY GATE.  
CREW TRVL T/YARD.

Report Number 15	Report Start Date 11/18/2024	Report End Date 11/18/2024
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Operation

CREW TRAVEL T/PROPERTY GATE.  
DROVE T/LOC F/PROPERTY GATE. PJSM. SICP-0, SITP-0, SIICP-0, SIBHP-0. BDW 0 MINUTES, NO PRESSURE.  
INSTALL 2-7/8" PUP JNT IN TBG HANGER. R/U TESTER. PRTS FRAC STRING T/8000 PSI F/30 MIN, OK. CHART & RECORD TEST.  
R/D WORK FLOOR & TBG HANDLING EQUIP. N/D BOP, INSTALL TWCV. N/U FRAC STACK.  
PRTS VOID T/2800 PSI, OK. PRTS FRAC STACK T/8000 PSI AGAINST TWCV, OK. CHART & RECORD TEST. R/D TESTER. REMOVE TWCV.  
NOTE: AT THE SAME TIME R/D RIG & EQUIP & MOVE OFF LOCATION.  
R/U SLICKLINE. RUN 2.25" SPEAR T/KNOCK OUT DUAL DISK @ 4561' NEGATIVE.  
UNABLE T/PASS RESTRICTION @ 4493'. WORK SPEAR W/NO PROGRESS.  
RUN 1.9" IB, PASS THROUGH OBSTRUCTION & TAG DUAL DISK @ 4561'.  
RUN 2.9" GAGE RING & WORK RESTRICTION W/NO PROGRESS.  
R/D SLICK LINE & SHUT DOWN DUE T/TIME RESTRICTION.  
SWI. TRAVEL T/PROPERTY GATE.

Report Number 16	Report Start Date 11/19/2024	Report End Date 11/19/2024
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Operation

TRAVEL T/LOC F/GATE. PJSM F/BRAIDED LINE. SICP-0, SITP-0, SIICP-0, SIBHP-0. BDW 0 MINUTES, NO PRESSURE.  
R/U BRAIDED LINE UNIT. PJSM. CHECK PRESSURES, NO PRESSURE.  
RUN 2.3" SWEDGE & ATTEMPT T/WORK THROUGH RESTRICTION @ 4492', NO PROGRESS.  
SWEDGE WOULD NOT PASS THROUGH RESTRICTION AND WOULD HAVE TO PULL OVER TO GET OUT.  
PULL SWEDGE. RE-HEAD ROPE SOCKET. ATTEMPT 2.33 BROACH BUT WOULD NOT FALL THROUGH FLUID FAST ENOUGH TO WORK TIGHT SPOT.  
PULL BROACH.  
RUN 2.29 GAGE RING AND WORK THE REST OF THE DAY WITH NO PROGRESS.  
R/D & RELEASE BRAIDED LINE UNIT  
SWI. SECURE LOC. TRAVEL T/PROPERTY GATE. SDFN.



## Well Operations Summary L48

**Well Name: SAN JUAN 28-7 UNIT #187E**

API: 3003923747		Field: DK	State: NEW MEXICO
		Sundry #:	Rig/Service: BHE 38
Report Number 17	Report Start Date 11/21/2024	Report End Date 11/21/2024	
Operation			
MOVE RIG FROM BLACK HAWK YARD TO PACHECO'S RANCH GATE, WAITED 30 MIN TO GET IN AT 9 AM.			
MIRU WSU.			
SICP 0 PSI. SITP 0 PSI. SIBH 0 PSI. INT 0 PSI.			
ND FRAC STACK, NU BOP, RU RIG FLOOR, PULL OUT TBG HANGER.			
11/21/2024 LAY DOWN TBG HANGER AND SUBS= 2 7/8"L-80- 10', 10', 8', 1', XO, TOH W/(2 7/8" P-110 RTS-8),144 JTS, 2' MJ, 1 JT, XO, SEAL ASS. FOUND 2ND JT FROM BOTTOM, CRAMP FROM BACKUPS. MU NEW SEAL ASS, (TRIED TO RUN DRIFT 2.34" AND WAS NOT GOING THROUG AFTER MAKING UP EACH CONNECTION, TALK TO ENGINEER AND DECIDED TO JUST RUN GAUGE RING W/SLICK LINE), TIH W/NEW SEAL ASS, XO, 1 JT, 2' MJ, 141 JTS.			
SHUT IN AND SECURED WELL, DROVE OUT OF PACHECOS RANCH.			
DROVE BACK TO TOWN.			
Report Number 18	Report Start Date 11/22/2024	Report End Date 11/22/2024	
Operation			
DROVE TO OTHER LOCATION WHERE RIG EQUIPMENT ITS PARK, PICK UP SOME PARTS NEED IT AND DROVE TO LOCATION.			
PJSM, START AND WARM UP RIG.			
NO PRESSURE IN THE WELL.			
PICK UP 3 JTS AND SUBS, MIRU WILSON SERVICES, LOAD UP TBG W/10 GAL, LAND TBG, SEAL ASS@4554', PT TBG TO 8K FOR 30 MIN-ALL GOOD.			
Report Number 19	Report Start Date 11/25/2024	Report End Date 11/25/2024	
Operation			
MIRU FRAC CREW.			
PRIME, COOL DOWN, TEST, SAFETY MEETING.			
FRAC STAGE 1 MANCOS (6,164'-6,697') : BROKE DOWN WELL WITH WATER AND 1,000 GAL 15% HCL. FOAM FRAC'D WITH 97,853 LBS 20/40 ARIZONA AND 68,124 GAL SLICKWATER AND 2.50 MILLION SCF N2. 60 QUALITY. AVG RATE = 38 BPM, AVG PSI = 5,643 PSI. ISIP WAS 2,450 PSI. (1,784 PSI IN 5 MINUTES). 49% OF DESIGNED SAND PUMPED. PRESSURE STARTED OUT HIGH. HAD TO DROP RATE TO REDUCE PRESSURE. INCREASED FR TO REDUCE PRESSURE. 2,000# BEFORE THE BALL DROP, PRESSURE SPIKED AND SAND WAS CUT EARLY. HAD TO GO TO WATER TO FLUSH WELL. DROPPED BALLS AND PRESSURED OUT. CAME OFFLINE AND SURGED BALLS OFF PERFORATIONS. ATTEMPTED TO GET BACK INTO STAGE AND PRESSURED OUT AGAIN. DECIDED TO MOVE ONTO NEXT STAGE.			
DROP BALL ON FRAC BAFFLE. CHECK FOR BALL ACTION. RIH AND PERFORATE STAGE #2 MESAVERDE (4,614'-5,333') IN THREE RUNS W/49 SHOTS, 0.29" DIA, 2" RTG, 1 SPF, 0 DEGREE PHASING AT THE FOLLOWING DEPTHS: 4619, 4626, 4634, 4614, 4652, 4660, 4672, 4680, 4687, 4694, 4702, 4708, 4732, 4740, 4747, 4763, 4772, 4790, 4810, 4824, 4830, 4838, 4860, 4890, 4907, 4929, 4965, 4981, 4996, 5036, 5044, 5054, 5076, 5096, 5120, 5137, 5142, 5148, 5159, 5192, 5202, 5209, 5217, 5226, 5238, 5253, 5265, 5280, 5333. ALL SHOTS FIRED. POOH. PUMPED 5 BBLS OF FLUID BETWEEN GUN RUNS.			
FRAC STAGE 2 MESAVERDE (4,614'-5,333'): BROKE DOWN WELL WITH WATER AND 1,000 GAL 15% HCL. FOAM FRAC'D WITH 280,341 LBS 20/40 ARIZONA AND 97,062 GAL SLICKWATER AND 3.34 MILLION SCF N2. 70 QUALITY. AVG RATE = 58 BPM, AVG PSI = 5,166 PSI. ISIP WAS 1,115 PSI. (713 PSI IN 5 MINUTES). PUMPED FRAC SCHEDULE TWICE AND DROPPED 24 7/8" RCN BALLS. PUMPED 112% OF DESIGNED SAND AMOUNT.			
SHUT IN WELL AND RIG DOWN CREWS. TOTAL FRAC LOAD = 3,981 BBLS (INCLUDING 48 BBLS OF ACID). TOTAL SAND = 378,194 LBS. TOTAL N2 = 5.83 MILLION SCF.			
Report Number 20	Report Start Date 11/27/2024	Report End Date 11/27/2024	
Operation			
CREW TRVL T/SAN JUAN 29-7 UNIT NP #512 ST1.			
PREP T/MOVE. WAIT ON TRUCKS (HAD ORDERED THEM OUT LATE T/CHECK ON ROAD CONDITION).			
PJSM W/AOL F/RIG MOVE.			
LOAD OUT TRUCKS. MOB RIG & EQUIP T/SAN JUAN 28-7 UNIT #187E (35 MILE MOVE).			
MIRU RIG & EQUIP. NOTE: NECESSARY T/SPOT RIG IN W/R/U TRUCK DUE TO MUD AROUND WELLHEAD.			
CREW PERFORM RIG MAINTINENCE (REPLACE RIG PUMP FAN, SECURE RIG ENGINE EXHAUST).			
SECURE LOC. SHUT DOWN F/HOLIDAY WEEKEND. TRAVEL T/PROPERTY GATE.			
CREW TRVL T/YARD.			
Report Number 21	Report Start Date 12/2/2024	Report End Date 12/2/2024	
Operation			
CREW TRVL T/PROPERTY GATE.			
TRVL T/LOC. PJSM W/AOL. CHECK PRESSURE. SICP-0, SITP-1000, SIICP-0, SIBHP-0.			
R/U BLEED OFF IRON W/CHOKE VALVE. BLEED DOWN WELL PRESSURE F/1000 PSI T/300 PSI IN 4.5 HRS. HANG TEST BOP T/250 PSI LOW, 2500 PSI HIGH (CHART & RECORD PRTS), WHILE BLEEDING DOWN WELL.			
SWI. WINTERIZE EQUIP. SECURE LOC. TRAVEL T/PROPERTY GATE.			
CREW TRVL T/YARD.			
Report Number 22	Report Start Date 12/3/2024	Report End Date 12/3/2024	



## Well Operations Summary L48

Well Name: SAN JUAN 28-7 UNIT #187E

API: 3003923747

Field: DK

State: NEW MEXICO

Sundry #:

Rig/Service: BHE 38

## Operation

CREW TRVL T/PROPERTY GATE.

TRVL T/LOC. PJSM. SICP-0, SITP-1000, SIICP-0, SIBHP-0.

BDW THROUGH CHOKE F/1000 PSI T/300 PSI (CHOKE PARTIALY PLUGGED W/FRAC BALLS).

R/U &amp; LUBRICATE TWCV INTO TBG HANGER. N/D FRAC STACK. N/U BOP &amp; FUNCTION TEST.

UNLAND TBG. UNLATCH SEAL ASSMBLY &amp; STING OUT OF 4-1/2" MODEL-D PKR @ 4550'. PULL TBG HANGER T/SURFACE. LUBRICATE TWCV OUT OF HANGER (800 PSI BUILD UP ON TBG), CSG STILL DEAD). KILL TBG W/30 BBLs FW. R/D LUBRICATOR.

L/D TBG HANGER &amp; PUP JNTS. TOH &amp; L/D 10 JNTS 2-7/8" 6.5#, P-110, RTS-8 IJ FRAC STRING T/4200'. WELL FLOWING.

SWI. WINTERIZE EQUIP. SECURE LOC. SDFN. TRVL T/PROPERTY GATE.

CREW TRVL T/YARD.

Report Number  
23Report Start Date  
12/4/2024Report End Date  
12/4/2024

## Operation

TRAVEL TO PACHECO RANCH GATE. SIGN IN.

TRAVEL TO WELLSITE.

PJSA WITH CREWS. SERVICE &amp; START EQUIPMENT.

CHECK WELL PRESSURES. SITP-940 PSI. SICP-940 PSI. SIICP-0 PSI. SIBHP- 0 PSI. BLOWDOWN CASING PRESSURE TO TANK.

MOVE IN AND RIG UP REPLACEMENT RIG PUMP.

KILL TUBING PRESSURE WITH 35 BBLs OF WATER.

CONTINUE TRIP OUT LAYING DOWN 2 7/8" FRAC STRING ONTO FLOAT INSTALLING THREAD PROTECTORS. HAD TO KILL WELL WITH 35 BBLs TO COMPLETE TRIP OUT.

CHANGE OUT TUBING FLOATS. SPOT IN HOT SHOT FLOAT.

(RECEIVED 245 JOINTS (7,717.50') OF 2 3/8" 4.7# J-55 TUBING. SEND IN 145 JOINTS OF 2 7/8" P-110 RTS-8 FRAC STRING TO TUBOSCOPE FOR INSPECTION).

CHANGE OUT TUBING HANDLING TOOLS. CHANGE OUT PIPE RAMS TO 2 3/8" &amp; FUNCTION TEST. TEST GOOD. TALLY MILLING TOOLS, DRILL COLLARS &amp; 1ST ROW OF TUBING.

MAKE UP BOTTOM PORTION OF MILLING ASSEMBLY &amp; PICK UP.

SHUT IN SECURED WELL. WINTERIZE RIG PUMP &amp; LINES. SECURED RIG AND OTHER EQUIPMENT. SHUTDOWN OPERATIONS FOR THE DAY.

TRAVEL TO PACHECO RANCH GATE &amp; SIGN OUT.

CREW TRAVEL TO YARD.

Report Number  
24Report Start Date  
12/5/2024Report End Date  
12/5/2024

## Operation

CREW TRVL T/PROPERTY GATE.

CREW TRVL T/LOC. PJSM. SICP-900, SITP-NA, SIICP-0, SIBHP-0. BDW 30 MINUTES.

KILL CSG W/30 BBLs FW. M/U 3-7/8" MILLING ASSMBLY &amp; 3-1/8" DC'S &amp; TIH ON 2-3/8" 4.7# TBG. TAG 4-1/2" MODEL-D PKR @ 4554'.

BHA AS FOLLOWS:

1 - 3-7/8" WO SHOE W/3-1/4" ID

1 - 3-3/4" DRIVE BSHING

1 - STRING FLOAT

1 - JAR

6 - 3-1/8" DC'S

1 - XO

L/D 1 JNT TBG. R/U PWR SWIVEL. PREP T/ESTABLISH CIRC &amp; DRILL OUT MODEL-D PKR.

SWI. WINTERIZE EQUIP. SECURE LOC. SDFN. TRVL T/PROPERTY GATE.

CREW TRVL T/YARD.

Report Number  
25Report Start Date  
12/6/2024Report End Date  
12/6/2024

## Operation

CREW TRVL T/PROPERTY GATE.

CREW TRVL T/LOC. PJSM. SICP-900, SITP-NA, SIICP-0, SIBHP-0. BDW 30 MINUTES.

MAKE A CONNECTION W/PWR SWIVEL. ESTABLISH CIRC W/AIR MIST USING 12 BPH FW, 1.5 GPH SOAP &amp; 1 GPH CI.

WASHOVER 4-1/2" MODEL-D PKR F/4554' F/4555.50'. DRY UP AIR. L/D 1 JNT W/SWIVEL.

SWI. WINTERIZE EQUIP. SECURE LOC. SDFN. TRVL T/PROPERTY GATE.

CREW TRVL T/YARD.

Report Number  
26Report Start Date  
12/7/2024Report End Date  
12/7/2024

## Operation

CREW TRVL T/PROPERTY GATE.

TRVL T/LOC. PJSM. SICP-720, SITP-NA, SIICP-0, SIBHP-0. BDW 25 MINUTES.

MAKE CONNECTION W/PWR SWIVEL. ESTABLISH CIRC W/AIR MIST USING 12 BPH FW, 1.5 GPH SOAP &amp; 1 GPH CI.





Well Operations Summary L48

Well Name: SAN JUAN 28-7 UNIT #187E

API: 3003923747

Field: DK

State: NEW MEXICO

Sundry #:

Rig/Service: BHE 38

Operation

CONT WASHOVER 4-1/2" MODEL-D PKR F/4555.50' T/4556'. (2' TOTAL & 8.5 HRS DRILL TIME).

SWI. WINTERIZE EQUIP. SECURE LOC. SDFN. TRVL T/PROPERTY GATE.

CREW TRVL T/YARD.

Report Number 27	Report Start Date 12/8/2024	Report End Date 12/8/2024
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Operation

CREW TRVL T/PROPERTY GATE.

TRVL T/LOC. PJSM. SICP-740, SITP-0, SIICP-0, SIBHP-0. BDW 25 MINUTES.

MAKE CONNECTION W/PWR SWIVEL. ESTABLISH CIRC W/AIR MIST USING 12 BPH FW, 1.5 GPH SOAP & 1 GPH CI.

CONT WASHOVER 4-1/2" MODEL-D PKR F/4556' T/4556.50' (TOTAL OF 10.25 HRS DRILLING TIME). SINGLE IN HOLE W/SWIVEL T/4620'. PKR HANGING UP GOING DOWN.

TOH W/WASHOVER MILL ASSMBLY (KILL CSG W/25 BBLs FW T/GET OUT OF HOLE W/BHA).

SWI. WINTERIZE EQUIP. SECURE LOC. SDFN. TRVL T/PROPERTY GATE.

CREW TRVL T/YARD.

Report Number 28	Report Start Date 12/9/2024	Report End Date 12/9/2024
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Operation

KILL WELL W/25 BBLs FW. TIH FISHING BHA (SPEAR W/2.398 GRAPPLE) ON 2-3/8' TBG.

TAG FISH @ 4620'. P/U TBG F/TRAILER & CHASE FISH (4-1/2" MODEL-D PKR W/10'x2-7/8" PUP JNT & DD SUB) T/5600' (4-1/2" FRAC THROUGH BP). NO FILL. ENSURE LATCHED INTO PKR W/SPEAR. HAD T/HIT JARS 1 TIME TO START MOVING PKR UP HOLE.

TOH W/2-3/8" TBG & 3-1/8" DC'S T/DERRICK. L/D SPEAR. RECOVERED & L/D 100% OF FISH (4-1/2" MODEL-D PKR, 10' PUP JNT & DD SUB). NOTE: KILLED CSG W/25 BBSL FW T/GET OUT W/BHA & FISH.

SWI. WINTERIZE EQUIP. SECURE LOC. SDFN. TRVL T/PROPERTY GATE.

CREW TRVL T/YARD.

Report Number 29	Report Start Date 12/10/2024	Report End Date 12/10/2024
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Operation

CREW TRVL T/PROPERTY GATE.

TRVL T/LOC. PJSM. SICP-780, SITP-NA, SIICP-0, SIBHP-0. BDW 30 MIN.

R/D PWR SWIVEL & RACK ON TRAILER. KILL WELL W/30 BBLs FW. TIH W/3-1/8" DC'S. L/D DC'S ON TRAILER. WELL FLOWING.

KILL WELL W/25 BBLs FW. DRIFT & TIH W/2-3/8" PROD BHA ON 2-3/8" 4.7#, J-55, PROD TBG.

M/U TBG HANGER & TBG LANDED AS FOLLOWS:

1 - TBG HANGER

169 - JNTS 2-3/8" 4.7#, J-55 EUE TBG

1 - 2', 2-3/8" MARKER JNT

2 - JNTS 2-3/8" 4.7#, J-55 EUE TBG

1 - SN (1.78" ID)

1 - PUMP OFF PLUG (TBG COUPLING).

SN @ 5369.49', EOT @ 5371.04'

R/D WORK FLOOR & TBG HANDLING EQUIP. N/D BOP (SEPERATE MUD CROSS). N/U WH & TREE.

SWI. WINTERIZE EQUIP. SECURE LOC. SDFN. TRVL T/PROPERTY GATE.

CREW TRVL T/YARD.

Report Number 30	Report Start Date 12/11/2024	Report End Date 12/11/2024
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Operation

CREW TRVL T/PROPERTY GATE.

TRVL T/LOC. PJSM. SICP-680, SITP-0, SIICP-0, SIBHP-0. BDW 25 MINUTES.

THAW OUT AIR VALVEL ON AIR PKG. PUMP 4 BBL FW PAD. PRTS TBG T/500 PSI W/AIR, OK. PUMP OUT TBG PLUG W/1100 PSI. SWI.

R/D RIG & EQUIP. MOVE OFF WELL HEAD. SPOT IN IDEAL WELL TESTERS. FINAL RIG REPORT.



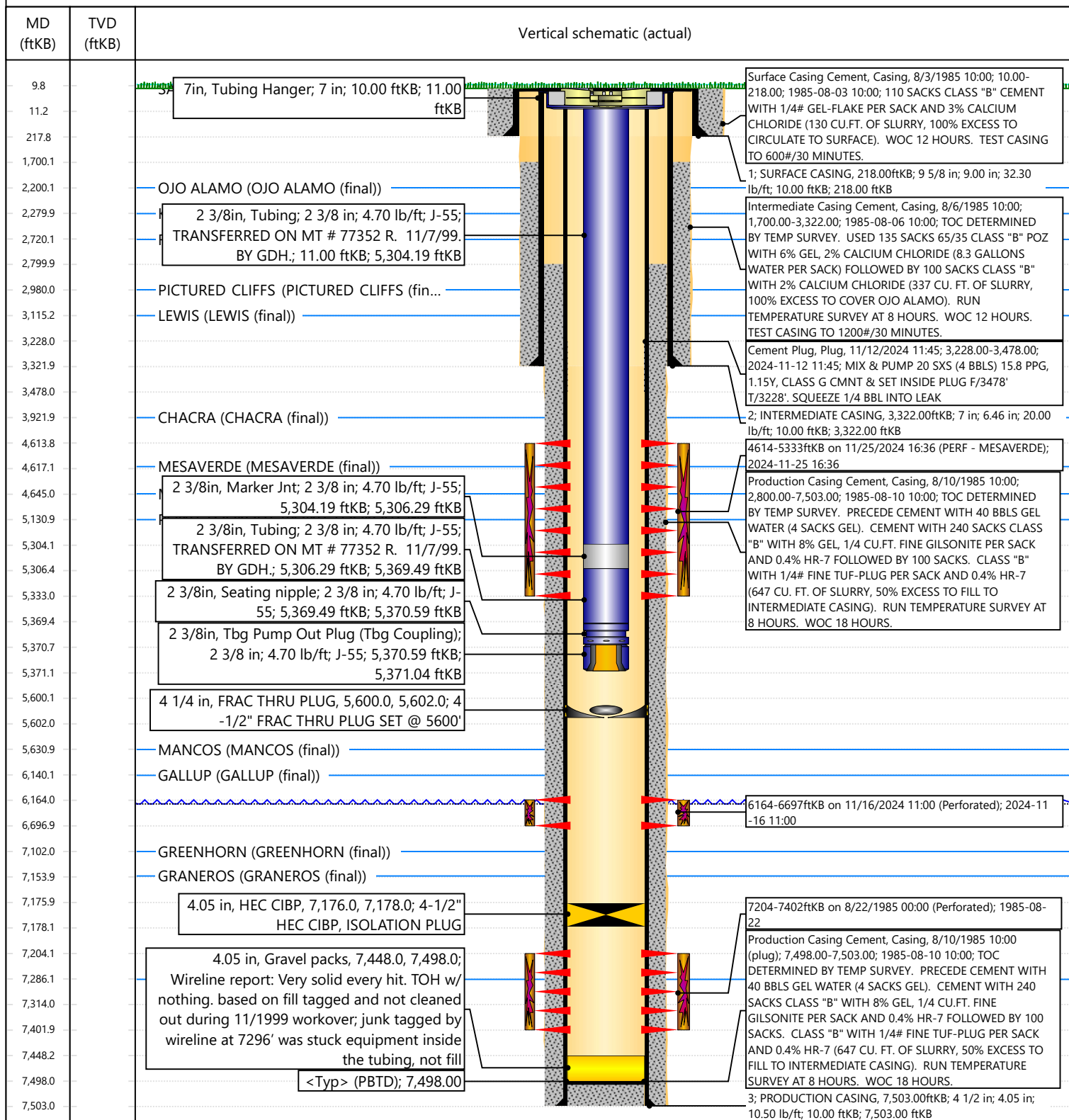


## Current Schematic - Version 3

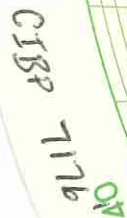
Well Name: SAN JUAN 28-7 UNIT #187E

API / UWI 3003923747	Surface Legal Location 024-028N-007W-P	Field Name DK	Route 1009	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,249.00	Original KB/RT Elevation (ft) 6,259.00	Tubing Hanger Elevation (ft) 6,249.00	RKB to GL (ft) 10.00	KB-Casing Flange Distance (ft) 10.00	KB-Tubing Hanger Distance (ft) 10.00
<b>Tubing Strings</b>					
Run Date 12/10/2024 13:45	Set Depth (ftKB) 5,371.04	String Max Nominal OD (in) 2 3/8	String Min Nominal ID (in) 2.00	Weight/Length (lb/ft) 4.70	Original Spud Date 8/3/1985 00:00

## Original Hole [Vertical]









From: [AFMSS](#)  
Received by [OCD](#): 12/23/2024 6:29:28 AM  
Sent on: Friday, December 20, 2024 2:00:52 PM

Page 11 of 13

To: [Dawn Nash-Deal](#)

Subject: [EXTERNAL] Well Name: SAN JUAN 28-7 UNIT, Well Number: 187E, Notification of Sundry Accepted

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

## The Bureau of Land Management

### Notice of Subsequent Report Approval

- Operator Name: **HILCORP ENERGY COMPANY**
- Well Name: **SAN JUAN 28-7 UNIT**
- Well Number: **187E**
- US Well Number: **3003923747**
- Sundry ID: **2828605**

The BLM received your Subsequent Report, Recompletion on 12/20/2024. This is to notify you that we are Accepting your Subsequent Report Recompletion. Please login to your account in AFMSS II to see the final documents.

You may contact the field office if you have any questions.

This notification is automatically generated. Please do not reply to this message as this account is not monitored.

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

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

ACKNOWLEDGMENTS

Action 414581

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 414581
	Action Type: [C-104] Completion Packet - New Well (C-104NW)

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.
<input checked="" type="checkbox"/>	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.

Sante Fe Main Office  
Phone: (505) 476-3441

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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

Action 414581

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 414581
	Action Type: [C-104] Completion Packet - New Well (C-104NW)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	4/16/2025