

Santa Fe Main Office Phone: (505) 476-3441 Fax: (505) 476-3462 General Information Phone: (505) 629-6116 Online Phone Directory Visit: https://www.emnrd.nm.gov/ocd/contact-us/	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	C-104 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 29-7 UNIT 109	Property Code: 318713
Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal	API Number: 30-039-21330
Pool Name: BLANCO-MESAVERDE	Pool Code: 72319

Section 2 – Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
A	30	29N	07W		1190'N	790'E	36.7009735	-107.6059723	Rio Arriba

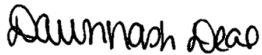
Section 3 – Completion Information

Producing Method Flowing	Ready Date 12/04/2024	Perforations MD 4736'-5440'	Perforations TVD 4736'-5440'
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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): 396585	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: 12/17/2024

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. NMSF078503	
b. Type of Completion: <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input checked="" type="checkbox"/> Diff. Resvr.,										6. If Indian, Allottee or Tribe Name	
Other: RECOMPLETE										7. Unit or CA Agreement Name and No.	
2. Name of Operator Hilcorp Energy Company										8. Lease Name and Well No. SAN JUAN 29-7 UNIT 109	
3. Address 382 Road 3100, Aztec, NM 87410						3a. Phone No. (include area code) (505) 599-3400				9. API Well No. 30-039-21330	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface A(NE/NE) 1190' FNL & 790' FEL At top prod. Interval reported below At total depth										10. Field and Pool or Exploratory BLANCO MESAVERDE	
										11. Sec., T., R., M., on Block and Survey or Area SEC. 30., 29N, 07W	
										12. County or Parish Rio Arriba	13. State New Mexico
14. Date Spudded 8/15/1977				15. Date T.D. Reached 8/27/1977		16. Date Completed 12/4/2024 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		17. Elevations (DF, RKB, RT, GL)* 6407'			
18. Total Depth: 7654'				19. Plug Back T.D.: 7647'				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		
9 5/8"	13 1/2", H-40	32.3		232'		224 CU FT					
7"	8 3/4", K-55	20		3447'		264 CU FT					
4 1/2"	6 1/4", K-55	10.5		7654'		651 CU FT					
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"	5391'										
25. Producing Intervals											
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status			
A) MESAVERDE UPPER		4736'	5022'	1 SPF		0.35"	23	OPEN			
B) MESAVERDE LOWER		5050'	5440'	1 SPF		0.33"	25	OPEN			
C)											
D)											
27. Acid, Fracture, Treatment, Cement Squeeze, etc.											
Depth Interval			Amount and Type of Material								
MESAVERDE UPPER 4736'-5022'			FOAM FRAC'D W/145,287 LBS 20/40 ARIZONA AND 49,182 GAL SLICKWATER AND 1.58 MILLION SCF N2. 70 QUALITY.								
MESAVERDE LOWER 5050'-5440'			FOAM FRAC'D W/140,136 LBS 20/40 ARIZONA AND 48,552 GAL SLICKWATER AND 1.61 MILLION SCF N2. 70 QUALITY.								
28. Production - Interval A											
Date First Produced 12/4/2024	Test Date 12/4/2024	Hours Tested 4	Test Production ➡	Oil BBL 0	Gas MCF 454	Water BBL 0	Oil Gravity Corr. API	Gas Gravity	Production Method Flowing		
Choke Size 36/64"	Tbg. Press. Flwg. 90 PSI	Csg. Press. 90 PSI	24 Hr. Rate ➡	Oil BBL 0	Gas MCF 2724	Water BBL 0	Gas/Oil Ratio	Well Status 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 (Sold, used for fuel, vented, etc.)

SOLD

30. Summary of Porous Zones (Include Aquifers):				31. Formation (Log) Markers	
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.					
Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
Ojo Alamo	2130'	2315'	White, cr-gr ss	Ojo Alamo	2130'
Kirtland	2315'	2705'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2315'
Fruitland	2705'	3111'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2705'
Pictured Cliffs	3111'	3203'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3111'
Lewis	3203'	4076'	Shale w/ siltstone stingers	Lewis	3203'
Chacra	4076'	4733'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	4076'
Cliffhouse	4733'	4882'	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	4733'
Menefee	4882'	5294'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4882'
Point Lookout	5294'	5957'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5294'
Mancos	5957'	6488'	Dark gry carb sh.	Mancos	5957'
Gallup	6488'	7281'	Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6488'
Greenhorn	7281'	7340'	Highly calc gry sh w/ thin lmst.	Greenhorn	7281'
Graneros	7340'	7467'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7340'
Dakota	7467'		Lt to dark gry foss carb sl calc sl sity ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7467'
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 STANDALONE PENDING DHC APPROVAL.
AGREEMENT # NMNM-078417A

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: [EX-000-12] 12/20/24 to: SAN JUAN 29-7 UNIT, Well Number: 109, Notification of Well Completion Acceptance *Page 4 of 14*

Sent: 12/20/2024, 7:25:19 AM
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 29-7 UNIT**
- Well Number: **109**
- US Well Number: **3003921330**
- Well Completion Report Id: **WCR2024122094041**

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 29-7 UNIT #109

API: 3003921330	Field: BASIN DAKOTA (PRORATED G #0068	State: NEW MEXICO
Permit to Drill (PTD) #:	Sundry #:	Rig/Service: RIGLESS 1

Jobs		
Actual Start Date: 8/29/2024		End Date:
Report Number 1	Report Start Date 8/29/2024	Report End Date 8/29/2024
Operation		
RIG CREW TRAVEL TO THE CANYON 8E PJSM LOAD EQUIP. ROAD RIG & MOVE EQUIP. FROM. THE CANYON 8E TO THE SAN JUAN 29-7 UNIT #109 (76 MILE MOVE). (RIG SHEARED BOLTS ON DRIVELINE COMING UP LOPEZ HILL) UNABLE TO RIG UP ON THE SAN JUAN 29-7 UNIT #109, LOCATION AND ROAD GOING INTO LOCATION NEEDS ATTENTION (DIRT WORK) STACK OUT RIG AND EQUIPMENT ON THE SAN JUAN 29-7 UNIT #99 SDFD, WILL MOVE IN THE MORNING TO THE SAN JUAN 29-7 UNIT #128.		
RIG CREW TRAVEL TO YARD		
Report Number 2	Report Start Date 9/6/2024	Report End Date 9/6/2024
Operation		
LOAD UP EQUIPMENT AT LINDRITH B U-44, MOVED WSU AND EQUIP, (92 MI MOVE), SPOT IN EQUIPMENT AND WSU, SDFW. DROVE BACK HOME.		
Report Number 3	Report Start Date 9/9/2024	Report End Date 9/9/2024
Operation		
DROVE TO LOCATION. HELD PJSM, START AND WARM UP EQUIP. SICP 80 PSI. SITP 215 PSI. RIG UP WSU ND WH, NU BOP, RU RIG FLOOR. PULL OUT TBG HANGER, RU PREMIER SCANNER, TOH SCANNING W/239 JTS, SN, 1 JT, NC. SCAN RESULTS= 19 JTS YB - 62 JTS BB - 88 JTS GB - 70 JTS RB. TIH W/MILL AND STRING MILL 3 7/8" AND 19 JTS. SHUT IN AND SECURED WELL. DROVE BACK TO TOWN.		
Report Number 4	Report Start Date 9/10/2024	Report End Date 9/10/2024
Operation		
DROVE TO LOCATION. HELD PJSM, START AND WARM UP EQUIP. SICP 165 PSI. SITP 165 PSI. SIBH 0 PSI. SIBH 0 PSI. BDT 2 MIN. SWAP TBG TRAILERS. REMOVE TREAD PROTECTORS AND TALLY TBG, PICK UP 216 JTS, TOTAL 235 JTS DOWN TO 7388' WITH STRING MILL. LD 1 JT, TOH W/117 JTS AND STRING MILL. TIH W/4 1/2" CMR AND 117 STS +1 JT, SET CBP AT 7365' LOAD CSG W/105 BBL, PRESSURE TEST TO 560 PSI FOR 10 MIN- HELD GOOD. TOH W/80 STS TO 2330'. SHUT IN AND SECURED WELL. TRAVEL BACK TO TOWN.		
Report Number 5	Report Start Date 9/11/2024	Report End Date 9/11/2024
Operation		
TRAVEL TIME TO LOCATION. HELD PJSM, START AND WARM UP WSU. SICP 0 PSI. SIBH 0 PSI. SIINT 0 PSI. TOH W/37 STS AND SETTING TOOL. RD RIG FLOOR, ND BOP. MIRU WIRELINE GROUP AND RUN A CBL FROM TOP OF CIBP AT 7365' TO SURFACE. TOC@3200' INSTALL B1 ADAPTER, MIRU WELLCHECK AND DO CSG MIT TO 560 PSI, WITNESS AND APROVED BY JOHN DURHAM (NMOCD) PRESSURE TEST CSG TO 2200 PSI FOR 10 MIN- HELD GOOD, CHANGE OUT 3K WELLHEAD FOR 5K WH, BY DYNAMIC, ADD 3" OF CSG BY HIGH DESERT WELDER, PRESS TEST VOID TO 2600 PSI- HELD GOOD. NU BOP, RU RIG FLOOR, SISW, SDFN. DROVE BACK TO TOWN.		
Report Number 6	Report Start Date 9/12/2024	Report End Date 9/12/2024



Well Operations Summary L48

Well Name: SAN JUAN 29-7 UNIT #109

API: 3003921330	Field: BASIN DAKOTA (PRORATED G #0068	State: NEW MEXICO
	Sundry #:	Rig/Service: RIGLESS 1

Operation		
DROVE BACK TO TOWN.		
HELD PJSM, START AND WARM UP EQUIP.		
CSG 0 PSI.		
BH 0 PSI.		
INT 0 PSI.		
TIH W/PKR AND 54 STS, SET PKR AND LAND TBG AT 3412', LOAD UP INTERMEDIATE W/4 BBL OF PKR FLUID AND PRESS UP TO 500 PSI, PRESS TEST CSG FROM SURFACE TO 3410' AT 4K FOR 30 MIN BY WELLCHECK, HELD GOOD.		
TOH W/PKR LD 108 JTS, TIH W/63 STS AND TOH LAYING DOWN TBG.		
RD RIG FLOOR, ND BOP, NU 5K FRAC STACK BY DYNAMIC AND PRESS TEST BY WELLCHECK. PULL OUT TWC, SISW.		
RD WSU, RELEASE WSU TO SJ 29-7 U-141.		
DROVE BACK TO TOWN.		

Report Number 7	Report Start Date 11/9/2024	Report End Date 11/9/2024
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Operation		
MOBILIZE REMAINING GORE FRAC EQUIPMENT TO THE WELLSITE. LEASE ROADS MUDDY & SLICK.		
NITROGEN TRANSPORTS WILL BE MOVED IN ON MONDAY (11-11-24) FOR THE FRAC OPERATIONS.		

Report Number 8	Report Start Date 11/11/2024	Report End Date 11/11/2024
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Operation		
RIG UP BASIN WIRELINE. RIH AND PERFORATE STAGE #1 LOWER MANCOS (6,620'-6,864') W/30 SHOTS, 0.33" DIA, 3-1/8" HSC GUN, SELECT FIRE 1 SPF, 0 DEGREE PHASING AT THE FOLLOWING DEPTHS: 6620, 6634, 6644, 6660, 6670, 6677, 6682, 6688, 6700, 6704, 6710, 6715, 6719, 6729, 6749, 6758, 6767, 6773, 6778, 6787, 6795, 6804, 6809, 6820, 6825, 6833, 6838, 6850, 6854, 6864. ALL SHOTS FIRED., POOH.		
RIG UP FRAC CREW. PRIME, COOL DOWN, TEST, SAFETY MEETING.		
FRAC STAGE 1 LOWER MANCOS (6,620' - 6,864'): BROKE DOWN WELL WITH WATER AND 500 GAL 15% HCL. FOAM FRAC'D WITH 73,314 LBS 20/40 ARIZONA AND 58,926 GAL SLICKWATER AND 2.03 MILLION SCF N2. 60 QUALITY. AVG RATE = 39 BPM, AVG PSI = 3,340. ISIP WAS 1,411 PSI. (1,312 PSI IN 5 MINUTES). 73% OF DESIGNED SAND PUMPED. PRESSURE STARTED TO INCREASE, DECREASED RATE AND INCREASED FR. PRESSURE CONTINUED TO INCREASED, CUT SAND AND FLUSHED WELL.		
RIG UP WIRELINE. RIH AND SET BRIDGE PLUG AT 6,616' AND PERFORATE STAGE #2 UPPER MANCOS (6,340-6,611') W/32 SHOTS, 0.33" DIA, 3-1/8" HSC GUN, SELECT FIRE 1 SPF, 0 DEGREE PHASING AT THE FOLLOWING DEPTHS: 6340, 6348, 6356, 6364, 6370, 6375, 6402, 6414, 6424, 6445, 6454, 6462, 6472, 6490, 6498, 6505, 6511, 6538, 6543, 6548, 6552, 6556, 6562, 6567, 6574, 6579, 6586, 6592, 6596, 6600, 6605, 6611. ALL SHOTS FIRED. POOH.		
WAIT ON NITROGEN TRANSPORTS.		
FRAC STAGE 2 UPPER MANCOS (6,340' - 6,611'): BROKE DOWN WELL WITH WATER AND 500 GAL 15% HCL. FOAM FRAC'D WITH 61,109 LBS 20/40 ARIZONA AND 51,324 GAL SLICKWATER AND 1.80 MILLION SCF N2. 60 QUALITY. AVG RATE = 39 BPM, AVG PSI = 3,163 PSI. ISIP WAS 1,809 PSI. (1,436 PSI IN 5 MINUTES). 61% OF DESIGNED SAND AWAY. PRESSURE STARTED TO INCREASE IN 1.0#. DROPPED RATE AND INCREASED FR WITH NO RELIEF. CUT SAND EARLY DUE TO INCREASING PRESSURE.		
SIW, SECURE LOCATION, SDFN.		

Report Number 9	Report Start Date 11/12/2024	Report End Date 11/12/2024
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Operation		
RIG UP WIRELINE. RIH AND SET BRIDGE PLUG AT 5,450' AND PERFORATE STAGE #3 LOWER MESAVERDE (5,050'-5,440') W/25 SHOTS, 0.33" DIA, 3-1/8" HSC GUN, SELECT FIRE 1 SPF, 0 DEGREE PHASING AT THE FOLLOWING DEPTHS: 5050, 5066, 5080, 5122, 5142, 5155, 5204, 5210, 5225, 5249, 5258, 5266, 5282, 5320, 5326, 5332, 5362, 5366, 5377, 5386, 5400, 5410, 5422, 5432, 5440. ALL SHOTS FIRED.		
RIG UP FRAC CREW. PRIME, COOL DOWN, TEST, SAFETY MEETING.		
FRAC STAGE 3 LOWER MESAVERDE (5,505 - 5,440): BROKE DOWN WELL WITH WATER AND 500 GAL 15% HCL. FOAM FRAC'D WITH 140,136 LBS 20/40 ARIZONA AND 48,552 GAL SLICKWATER AND 1.61 MILLION SCF N2. 70 QUALITY. AVG RATE = 60 BPM, AVG PSI = 2,148. ISIP WAS 93 PSI. 112% OF DESIGNED SAND AMOUNT PUMPED.		
RIG UP WIRELINE. ATTEMPT TO RIH AND SET BRIDGE PLUG. COULD NOT GET THRU WELLHEAD WITH TOOL STRING. TRIED SEVERAL TIMES AND CONTINUED TAGGING.		
MIRU DYNAMIC WELLHEAD HANDS TO GREASE AND WORK ON MASTER VALVE.		
ATTEMPT TO RIH WITH PLUG. STILL TAGGING IN WELLHEAD. DETERMINED THAT TOOL STRING IS TAGGING ON FALSE HANGER. TOOK OFF PLUG AND ATTEMPTED TO RIH WITH GUNS ONLY. STILL TAGGING. B/D GUN STRING AND M/U 2-1/2" WEIGHT BAR AND CCL. DROPPED THRU HANGER WITH NO PROBLEMS. POOH AND HANG BACK LUBRICATOR.		
SIW, SECURE LOCATION, SDFN.		

Report Number 10	Report Start Date 11/13/2024	Report End Date 11/13/2024
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Operation		
RIG UP WIRELINE. RIH AND PERFORATE STAGE #4 UPPER MESAVERDE (4,736'-5,022') W/23 SHOTS, 0.33" DIA, 2-1/2" HSC GUN, SELECT FIRE 1 SPF, 0 DEGREE PHASING AT THE FOLLOWING DEPTHS: 4736, 4741, 4746, 4768, 4774, 4822, 4829, 4834, 4842, 4848, 4853, 4871, 48876, 4880, 4920, 4932, 4944, 4962, 4971, 4977, 5000, 5014, 5022. ALL SHOTS FIRED.		
RIG UP FRAC CREW. PRIME, COOL DOWN, TEST, SAFETY MEETING.		
FRAC STAGE 4 UPPER MESAVERDE (4,736'-5,022'): BROKE DOWN WELL WITH WATER AND 500 GAL 15% HCL. FOAM FRAC'D WITH 145,287 LBS 20/40 ARIZONA AND 49,182 GAL SLICKWATER AND 1.58 MILLION SCF N2. 70 QUALITY. AVG RATE = 60 BPM, AVG PSI =1,782 PSI. ISIP WAS 425 PSI. 239 PSI IN 5 MINUES, 169 PSI IN 10 MINUTES. 116% OF DESIGNED SAND AMOUNT PUMPED.		
SHUT IN WELL AND RIG DOWN CREWS. TOTAL FRAC LOAD = 5,000 BBLS (INCLUDING 48 BBLS OF ACID). TOTAL SAND = 419,846 LBS. TOTAL N2 = 7.00 MILLION SCF.		



Well Operations Summary L48

Well Name: SAN JUAN 29-7 UNIT #109

API: 3003921330	Field: BASIN DAKOTA (PRORATED G #0068	State: NEW MEXICO
Permit to Drill (PTD) #:	Sundry #:	Rig/Service: RIO 22

Jobs

Actual Start Date: 8/29/2024End Date:

Report Number 11	Report Start Date 11/26/2024	Report End Date 11/26/2024
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Operation

MOVE RIO 22 TO LOCATION. TOOK WH PRESSURES. CASING 400 PSI. TUBING N/A. BH 0 PSI. INT 10 PSI.

PRE JOB SAFETY MEETING.

RIG UP RIG AND SUPPORT EQUIPMENT. RIG UP BLOW DOWN IRON.

BLOW WELL DOWN TO OPEN TOP 400 BBL TANK. INITIAL PRESSURE WAS 400 PSI. BLEW WELL DOWN TO 200 PSI AFTER 30 MINUTES. SHUT THE WELL IN. LUBRICATE TWC IN HANGER. VERIFY WE HAD NO PRESSURE ABOVE TWC. ND FRAC STACK. CLEAN GREASE AND SAND FROM THE TOP OF THE HANGER. NU BOP. WELLCHECK TEST BOP PIPE AND BLIND RAMS TO 300 PSI LOW AND 2500 PSI HIGH. GOOD TEST. PUMP A 50 BBL KILL DOWN THE TUBING. PULL HANGER AND TWC.

TALLY. PICK UP AND TRIP IN THE HOLE WITH 3 7/8" STRING MILL AND BIT TO 3806' WITH 121 JOINTS OF TUBING.

SHUT THE WELL IN. WINTERIZE EQUIPMENT. SECURE LOCATION. SHUT DOWN FOR THE DAY.

TRAVEL TO YARD.

Report Number 12	Report Start Date 11/27/2024	Report End Date 11/27/2024
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Operation

CREW TRAVEL TO LOCATION.

PJSM. CHECK WELL FOR PRESSURE. START RIG AND EQUIP. BDW.

SITP 0
SICP 400
SIICP 0
SIBH 0
BDW: 30 MIN

FINISH RIH W / 2-3/8 TBG TO 5324' TAGGED SAND, P/U TBG SWIVEL.

BREAK CIRC W / AIR AND MIST, CLEAN OUT WELL BORE TO CBP AT 5522' CIR WELL. MAKING HEAVY SAND.

CUT MIST DRY. KILL TBG W / 5 BBL. POH ABOVE PERFS

SECURE WELL. DRAIN ALL EQUIP FOR THE HOLIDAY SHUT DOWN.

CREW TRAVEL HOME

Report Number 13	Report Start Date 12/2/2024	Report End Date 12/2/2024
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Operation

TRAVEL TO LOCATION.

SAFETY MEETING. SICP 350 PSI. SITP 50 PSI. SIBHP 0 PSI. SIINTP 0 PSI. BLOW WELL DOWN IN 20 MINUTES.

TRIP IN THE HOLE FROM ABOVE TOP PERF AT 4736' TO TAG UP DEPTH OF 5459'. THIS IS 63' ABOVE FINAL CLEAN OUT DEPTH LAST WEEK OF 5522'.

BRING ON AIR UNIT . ESTABLISH 12 BBL PER HOUR AIR FOAM MIST WITH 1300 CFM. CLEAN OUT 63' OF FRAC SAND FROM 5459' TO CBP AT 5522'. SAND WAS 4-5 CUPS OF SAND DURING INITITAL CLEAN OUT AND DOWN TO A TRACE AFTER CIRCULATING ON BOTTOM PUMPING MULTIPLE SWEEPS. CALLED ENGINEER MATTHEW ESZ WITH CLEAN OUT RESULTS. SHUT AIR UNIT DOWN.

TRIP OUT OF THE HOLE WITH THE 3 7/8" STRING MILL AND BIT FROM 5522'. PUMPED A 20 BBL KILL TO GET THE MILL AND BIT OUT OF THE HOLE.

TRIP AND DRIFT IN THE HOLE WITH THE 2 3/8" PUMP OUT PLUG FROM SELECT. 1.780 ID SEATING NIPPLE. ONE JOINT OF 2 3/8" TUBING. 2' X 2 3/8" MARKER JOINT. 170 JOINTS OF 2 3/8" TUBING AND 7 1/16" TUBING HANGER. TUBING IS LANDED AT A DEPTH OF 5391'. SEATING NIPPLE AT A DEPTH OF 5390'. PERFS FROM 4736' TO 5440'.

ND BOP. NU WH. PUMP A 3 BBL WATER PAD DOWN THE TUBING. BRING ON AIR UNIT. PRESSURE TEST TUBING TO 500 PSI. TEST GOOD. PUMP OFF PUMP OUT PLUG AT 1100 PSI. UNLOADED WELL. SHUT THE AIR UNIT DOWN. SHUT THE WELL IN.

RIG DOWN RIG AND SUPPORT EQUIPMENT. RIG OPS COMPLETE. SECURE LOCATION.

TRAVEL TO YARD.

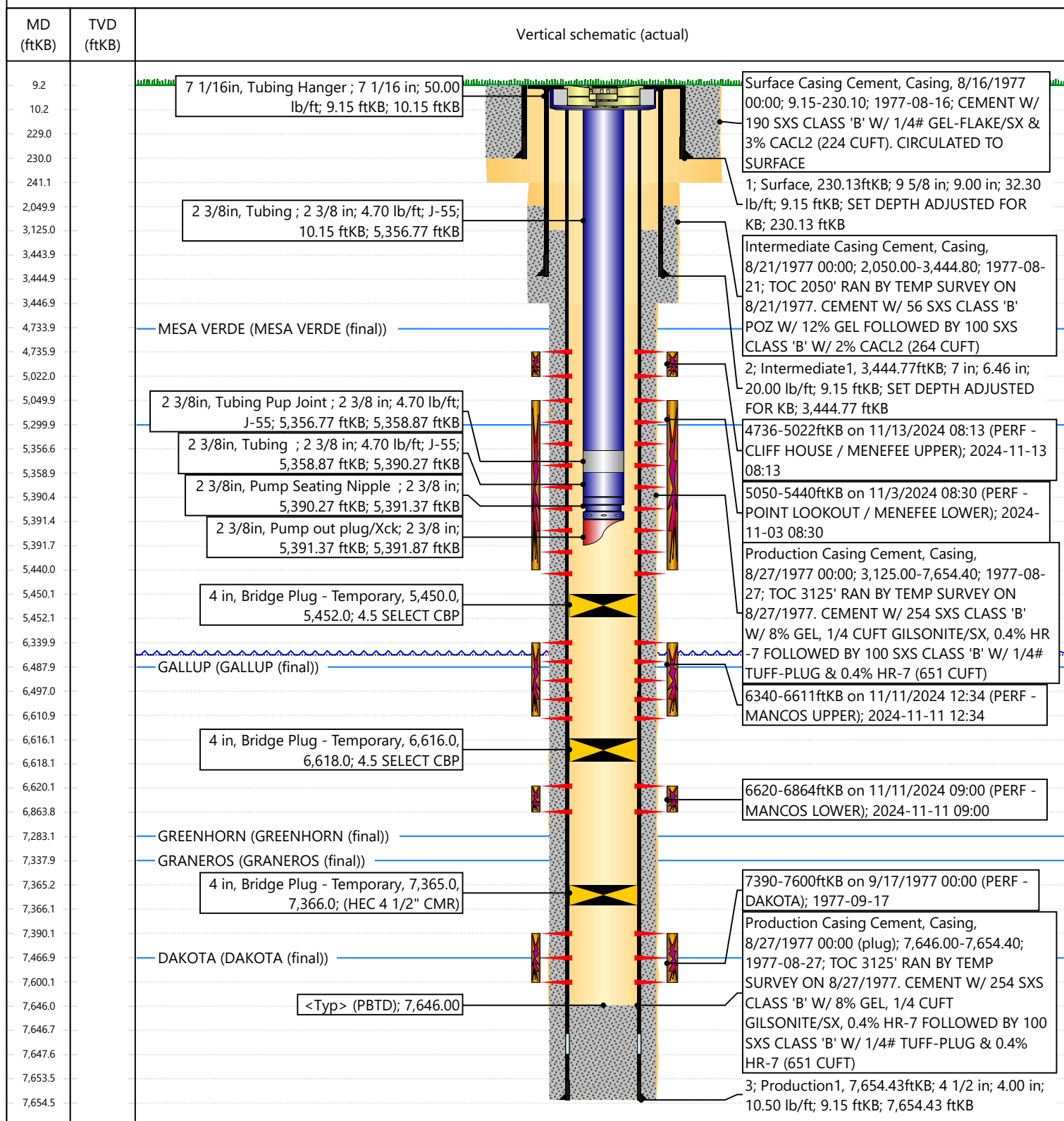


Current Schematic - Version 3

Well Name: SAN JUAN 29-7 UNIT #109

API / UWI 3003921330	Surface Legal Location 030-029N-007W-A	Field Name BASIN DAKOTA (PRORATED G #0068)	Route 1004	State/Province NEW MEXICO	Well Configuration Type VERTICAL
Ground Elevation (ft) 6,407.00	Original KB/RT Elevation (ft) 6,416.15	Tubing Hanger Elevation (ft)	RKB to GL (ft) 9.15	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)
Tubing Strings					
Run Date 12/2/2024 15:00	Set Depth (ftKB) 5,391.87	String Max Nominal OD (in) 2 3/8	String Min Nominal ID (in) 2.00	Weight/Length (lb/ft) 4.70	Original Spud Date 8/15/1977 00:00

Original Hole [VERTICAL]





NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

MECHANICAL INTEGRITY TEST REPORT

(TA OR UIC)

Date of Test 11 SEP 2024 Operator HILCORP API # 30-0 39-21326

Property Name SAN JUAN 29-7 Well # 109 Location: Unit 30 Sec 29 Twn 29 Rge 7

Land Type:

State
Federal X
Private
Indian

Well Type:

Water Injection
Salt Water Disposal
Gas Injection
Producing Oil/Gas X
Pressure observation

Temporarily Abandoned Well (Y/N): TA Expires:

Casing Pres. Tbg. SI Pres. Max. Inj. Pres.
Bradenhead Pres. Tbg. Inj. Pres.
Tubing Pres. N/A
Int. Casing Pres.

Pressured annulus up to 575 psi. for 30 mins. Test passed/failed

REMARKS: TESTED FROM 7345 TO SURFACE,
1000 PSI CAPPING, 60 MINUTE CLOCK THE CASING
WAS PRESSURED UP TO 620 PSI AND PRESSURE FLUCTUATED
FOR 15 MINUTES. THE PRESSURE WAS BLED DOWN TO
575 PSI, THE TEST WAS RESTARTED, AND PRESSURE HELD
FOR THE LAST 30 MINUTES

By *Alvaro Garcia* Witness *[Signature]*
(Operator Representative) (NMOCD)

(Position)

Revised 02-11-02



NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE
1000 RIO BRAZOS ROAD
AZTEC NM 87410
(505) 334-6178 FAX: (505) 334-6170
[http://emnrd.state.nm.us/oecd/District III/3district.htm](http://emnrd.state.nm.us/oecd/District%20III/3district.htm)

BRADENHEAD TEST REPORT

(submit 1 copy to above address)

Date of Test 11-SEP-2024 Operator HILCORP API #30-0 39-21330

Property Name SJ 29-7 Well No. 109 Location: Unit 30 Section 30 Township 29 Range 7

Well Status(Shut-In or Producing) Initial PSI: Tubing N/A Intermediate 0 Casing 0 Bradenhead 0

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

Testing	PRESSURE				
	Bradenhead		INTERM		
	BH	Int	Csg	Int	Csg
TIME					
5 min	0	0	0	0	0
10 min	0	0	0	0	0
15 min	0	0	0	0	0
20 min					
25 min					
30 min					

FLOW CHARACTERISTICS	
BRADENHEAD	INTERMEDIATE
Steady Flow	
Surges	
Down to Nothing	
Nothing	✓
Gas	
Gas & Water	
Water	

If bradenhead flowed water, check all of the descriptions that apply below:

CLEAR _____ FRESH _____ SALTY _____ SULFUR _____ BLACK _____

5 MINUTE SHUT-IN PRESSURE BRADENHEAD 0 INTERMEDIATE 0

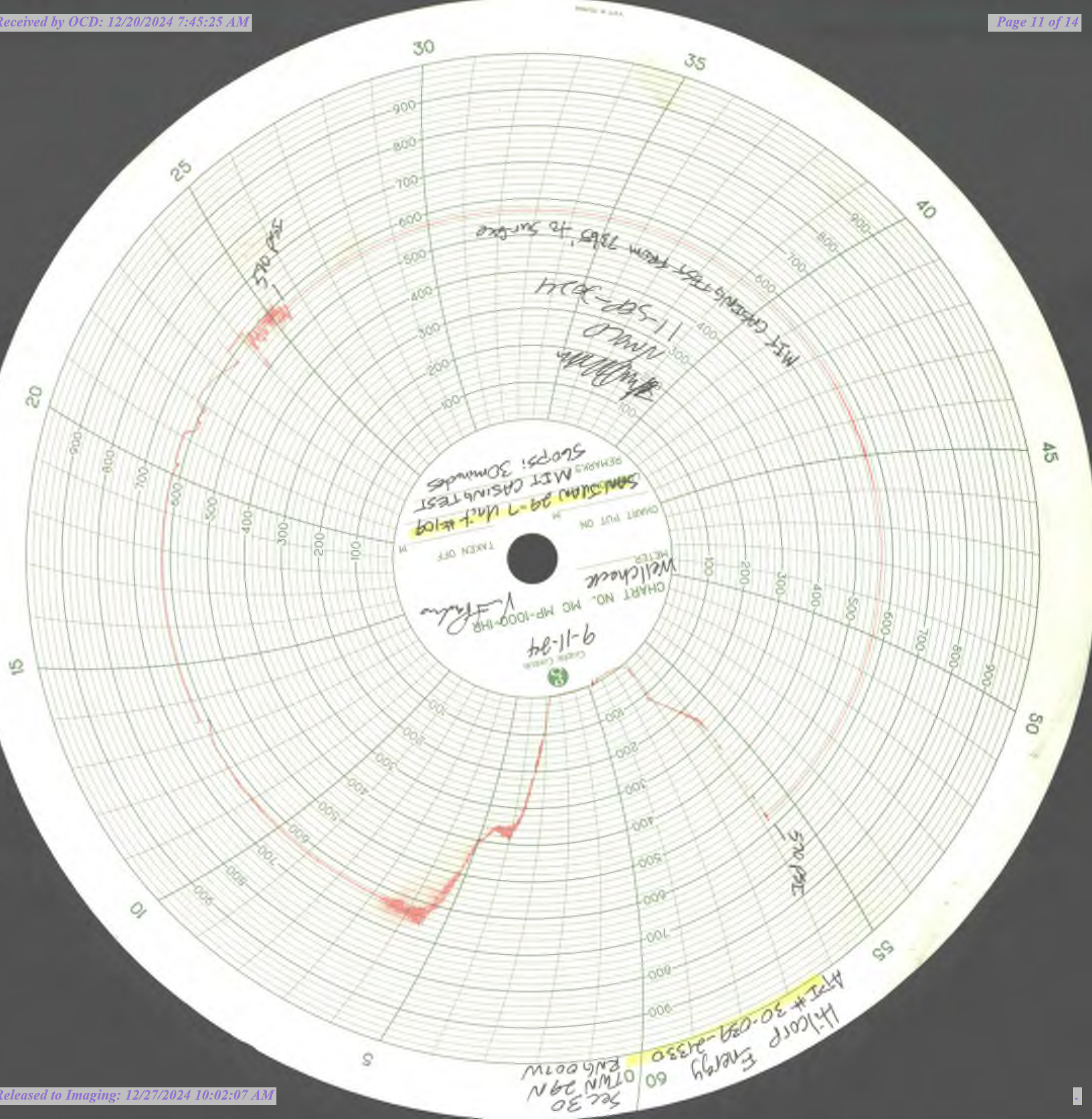
REMARKS:

By Alvaro Garcia

Witness [Signature]

(Position)

E-mail address _____



Sent: 12/20/2024, 7:30:15 AM
From: AFMSS<blm-afmss-notifications@blm.gov>
To: Dawn Nash-Deal

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



Notice of Subsequent Report Approval

- Operator Name: **HILCORP ENERGY COMPANY**
- Well Name: **SAN JUAN 29-7 UNIT**
- Well Number: **109**
- US Well Number: **3003921330**
- Sundry ID: **2827869**

The BLM received your Subsequent Report, Recompletion on 12/17/2024. 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 414188

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 414188
	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.

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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 414188

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 414188
	Action Type: [C-104] Completion Packet - New Well (C-104NW)

CONDITIONS

Created By	Condition	Condition Date
smcgrath	None	12/27/2024