

Well Name: PAYNE	Well Location: T30N / R11W / SEC 35 / SWSE / 36.76448 / -107.95706	County or Parish/State: SAN JUAN / NM
Well Number: 2	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF079962	Unit or CA Name: PAYNE	Unit or CA Number: NMNM133450, NMNM73515
US Well Number: 3004508943	Operator: HILCORP ENERGY COMPANY	

Subsequent Report

Sundry ID: 2827646

Type of Submission: Subsequent Report

Type of Action: Cement Remediation

Date Sundry Submitted: 12/16/2024

Time Sundry Submitted: 10:37

Date Operation Actually Began: 12/04/2024

Actual Procedure: Hilcorp Energy attempted cement remediation to isolate a casing leak. The attempt was unsuccessful and a decision was made to fully P&A the well. P&A work to be reported separately.

SR Attachments

Actual Procedure

Payne_2_Csg_MIT_Sundry_20241216103546.pdf

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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: DEC 16, 2024 10:35 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: MATTHEW H KADE

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647736

BLM POC Email Address: MKADE@BLM.GOV

Disposition: Accepted

Disposition Date: 12/16/2024

Signature: Matthew Kade



Well Operations Summary L48

Well Name: PAYNE #2

API: 3004508943		Field: BSN (FTLD COAL)	#3046	State: NEW MEXICO
Permit to Drill (PTD) #:		Sundry #:	Rig/Service: 105	
Jobs				
Actual Start Date: 12/4/2024		End Date: 12/11/2024		
Report Number 1	Report Start Date 12/4/2024	Report End Date 12/4/2024		
Operation				
SPOT RIG & EQUIPMENT. RU RIG. CK PSI: TBG-10#, CSG-170#, BH-0#. BDW 5 MINS.				
FUNCTION TEST BOP, ND WH. NU BOP. RU RIG FLOOR & TBG EQUIPMENT.				
PULL HANGER, TALLY & PUP. TAG @ EST 2170'. LD TBG. SIW, SDFN CLEAN 7 SECURE LOCATION. DEBRIEF CREW.				
CREW TRAVEL TO YARD.				
Report Number 2	Report Start Date 12/5/2024	Report End Date 12/5/2024		
Operation				
CREW TRAVELED TO LOCATION.				
HELD PRE JOB SAFETY MEETING.				
R/U PREMIER NDT SCANNING EQUIPMENT. TOH SCANNING 2-3/8" TUBING.				
52 - YELLOW				
3 - BLUE				
4 - GREEN				
7 - RED				
DOWN GRADES DUE TO PITTING.				
R/D PREMIER NDT SCANNING EQUIPMENT.				
P/U 4-3/4" STRING MILL. TALLY AND TIH WITH TUBING IN DERRICK. TAGGED TIGHT SPOT AT 642'. WORKED STRING MILL THROUGH TIGHT SPOT. CONTINUE TO TIH WITH TUBING.				
TALLY AND P/U TUBING TO PERFS. TAGGED FILL AT 2170' (10' OF FILL).				
TOH WITH TUBING. L/D 4-3/4" STRING MILL. P/U 5-1/2" RBP. TIH AND SET RBP AT 1917'.				
LOAD CASING WITH 15 BBLS (45 BBLS CAPACITY). ATTEMPT TO PRESSURE TEST CASING (FAIL). ESTABLISHED INJECTION RATE OF 1/2 BPM AT 450 PSI. NO COMMUNICATION TO BRADENHEAD.				
TOH WITH TUBING. L/D RETRIEVING HEAD. P/U 4-1/2" AS1X PACKER.				
SET PACKER AT MULTIPLE INTERVALS. WHEN SET BETWEEN 462'-651' PRESSURE COMMUNICATED AROUND PACKER.				
ISOLATED CASING LEAK BETWEEN 462'-651'. OBTAINED BLM, K.RENNICK & OCD, MONICA K. APPROVAL TO SPOT BALANCED PLUG @ 650'-250')				
TOH WITH TUBING. L/D PACKER. DUMP 10 GAL OF SAND ON RBP.				
SHUT IN WELL. SECURED LOCATION. DEBRIEFED CREW. SDFN.				
CREW TRAVELED HOME.				
Report Number 3	Report Start Date 12/6/2024	Report End Date 12/6/2024		
Operation				
CREW TRAVELED TO LOCATION.				
HELD PRE JOB SAFETY MEETING. BDW.				
TIH WITH TUBING TO 683'.				
R/U HILCORP CEMENT CREW. MIX AND PUMP 50 SX, 57.5 CU FT, 1.15 YIELD, 15.8 PPG, 10.3 BBL SLURRY, 5 BBL MIX, CLASS G CEMENT TO ISOLATE CASING LEAK. BALANCED PLUG FROM 250' TO 683'.				
L/D TUBING.				
LOADED WELL WITH 2.5 BBLS (SHOULD HAVE BEEN 1 BBL FOR PIPE DISPLACEMENT). ATTEMPT TO SQZ CMT. PUMPED TOTAL OF 4.5 BBLS. TOTAL DISPLACEMENT NEEDED TO BRING CEMENT FROM 250' TO 400'. NO PRESSURE SEEN.				
P/U TUBING TO 428'.				
REVERSED OUT CEMENT.				
TOH WITH TUBING. P/U 5-1/2" CICR. TIH AND SET CICR AT 398'.				
MIX AND PUMP 168 SX, 193.2 CU FT, 1.15 YIELD, 15.8 PPG, 34.4 BBL SLURRY, 20 BBL MIX, CLASS G CEMENT TO ISOLATE CASING LEAK WITH 1.5 BBL SLURRY UNDER CICR AND 32.9 BBL SLURRY OUTSIDE OF 5-1/2" CASING.				
BRADENHEAD COMMUNICATED AND BEGAN TO CIRCULATE 2 BBLS INTO SQUEEZE. DECISION MADE TO BRING CEMENT TO SURFACE. CIRCULATED CEMENT TO SURFACE. LOST CIRCULATION WITH 2 BBLS SLURRY LEFT TO PUMP. SHUT IN BRADENHEAD AND SQUEEZED FINAL 2 BBLS IN. STUNG OUT OF CICR WITH 500 PSI.				
MONICA KUEHLING WITH NMCD APPROVED PUMPING CEMENT TO SURFACE.				
REVERSED OUT.				
L/D TUBING.				
SHUT IN WELL. SECURED LOCATION. DEBRIEFED CREW. SDFN.				
CREW TRAVELED HOME.				
Report Number 4	Report Start Date 12/9/2024	Report End Date 12/9/2024		



Well Operations Summary L48

Well Name: PAYNE #2

API: 3004508943	Field: BSN (FTLD COAL)	#3046	State: NEW MEXICO
	Sundry #:		Rig/Service: 105

Operation

CREW TRAVELED TO LOCATION.		
HELD PRE JOB SAFETY MEETING. NO PRESSURE ON WELL. WARM UP EQUIPMENT.		
SITP: N/A		
SICP: 0 PSI		
SIBHP: 0 PSI		
BDW: 0 MIN		
P/U 4-3/4" INSERT BIT. TALLY AND P/U 3-1/8" DRILL COLLARS. TAG CICR AT 398'. P/U TUBING. P/U AND R/U POWER SWIVEL.		
MILL OUT CICR FROM 398' TO 400' (5.5 HR). D/O CEMENT FROM 400' TO 415'.		
SHUT IN WELL. SECURED LOCATION. DEBRIEFED CREW. SDFN.		
CREW TRAVELED HOME.		

Report Number 5	Report Start Date 12/10/2024	Report End Date 12/10/2024
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Operation

CREW TRAVELED TO LOCATION.		
HELD PRE JOB SAFETY MEETING.		
P/U 4-3/4" CONE BIT. TIH WITH DRILL COLLARS AND TUBING IN DERRICK. TAG CEMENT AT 447'. P/U POWER SWIVEL.		
D/O CEMENT FROM 447' TO 683'. WORK THROUGH TIGHT SPOT AT 642' (40 MIN). P/U TUBING TO 800'. CIRC WELL CLEAN. RACK BACK POWER SWIVEL.		
TOOH WITH TUBING. STAND UP DRILL COLLARS.		
R/U TWG. RUN CBL FROM 1700' TO SURFACE. CORROLATE LOG TO CBL RAN IN 1995. R/D TWG. TOC 120'. SEND LOG TO ENGINEER.		
SHUT IN WELL. SECURED LOCATION. DEBRIEFED CREW. SDFN.		
CREW TRAVELED HOME.		

Report Number 6	Report Start Date 12/11/2024	Report End Date 12/11/2024
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Operation

HELD PRE JOB SAFETY MEETING.		
W/O ORDERS. CHANGE OUT OUTER SEALS ON PIPE RAMS. FUNCTION TEST, STILL LEAKING. TIH AND L/D DRILL COLLARS WHILE WAITING ON DIFFERENT SEALS FOR BOP. CHANGE OUT SEALS ON BOP, FUNCTION TEST. GOOD. ORDERS TO TIH AND RETRIEVE PLUG.		
M/U RETRIEVING HEAD, TIH TO RBP @ 1,917'. P/U TBG SWIVEL.		
REV CIRC SAND OFF PLUG. LATCH ONTO RBP AND LET EQUALIZE.		
RELEASE PLUG, TIH 25' PAST WHERE PLUG WAS SET. R/D TBG SWIVEL. TOOH, HIT TIGHT SPOT @ 640' COULD NOT WORK PLUG THROUGH. DISCUSS WITH ENGINEER. TIH 2 STDS AND SET RBP. TOOH FOR STRING MILL. BREAK AND L/D RETRIEVING HEAD. M/U 4-3/4" STRING MILL, TIH, TAG 642'. R/U POWER SWIVEL.		
MILL THROUGH TIGHT SPOT @ 642' TO 644'. REAM SEVERAL TIMES UNTIL NO TORQUE INCREASE WAS SEEM. STILL TAGGING HARD @ 642' AND THEN ABLE TO ROTATE AND FALL IN LIKE THE CASING IS PARTED. REAM CASING SEVERAL MORE TIMES, DISCUSS WITH ENGINEER. TOOH, L/D STRING MILL.		
M/U RETRIEVING HEAD, TIH, TAG FILL. R/U TO CIRC.		
CIRC CEMENT OFF RBP. LATCH ONTO RBP.		
RELEASE RBP, TOOH WORK THROUGH TIGHT SPOT. BREAK AND L/D TOOLS.		
SHUT IN WELL. SECURED LOCATION. DEBRIEFED CREW. SDFN.		
CREW TRAVELED HOME. 12/11/2024 - Decision made to forego cement remediation work and to fully P&A well. P&A to be reported separately.		

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

CONDITIONS

Action 412461

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 412461
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	None	12/16/2024