

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Hilcorp Energy Company 382 Road 3100 Aztec, NM 87410		² OGRID Number 372171
		³ Reason for Filing Code/ Effective Date Test Allowable - RT
⁴ API Number 30-045-25489	⁵ Pool Name 716290	⁶ Pool Code Basin Fruitland Coal
⁷ Property Code 318769	⁸ Property Name Zachry	⁹ Well Number 35

II. ¹⁰ Surface Location

UI or lot no. O	Section 10	Township 28N	Range 10W	Lot Idn	Feet from the 990'	North/South Line South	Feet from the 1845	East/West Line E	County San Juan
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¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County Choose an item.
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				


III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
248440	Western Refinery	O
373888	Harvest Four Corners, LLC	G

IV. Well Completion Data

²¹ Spud Date 12/5/1982	²² Ready Date 9/15/2023	²³ TD 6040'	²⁴ PBTD 5990'	²⁵ Perforations 1732'-1925'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
14 3/4"		10 3/4", 40.5#, K-55	330'		295 cu ft.
9 7/8"		7 5/8", 26.4#, K-55	5390'		2840 cu ft.
6 3/4"		5 1/2", 15.5, K-55	TOL: 5185' BOL: 6038'		231 cu ft.
		2 3/8", 4.7#, J-55	1927'		

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date 9/15/2023	³³ Test Date	³⁴ Test Length 2 hr	³⁵ Tbg. Pressure SI 16	³⁶ Csg. Pressure SI 16
³⁷ Choke Size 26/64"	³⁸ Oil 0	³⁹ Water 0	⁴⁰ Gas 2.5		⁴¹ Test Method
⁴² 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. Signature: 			OIL CONSERVATION DIVISION		
Printed name: Amanda Walker			Approved by: PATRICIA MARTINEZ		
Title: Operations Regulatory Tech Sr.			Title: PETROLEUM SPECIALIST		
E-mail Address: mwalker@hilcorp.com			Approval Date: 9/28/2023		
Date: 9/20/2023		Phone: 346.237.2177			

Well Name: ZACHRY	Well Location: T28N / R10W / SEC 10 / SWSE / 36.672028 / -107.879807	County or Parish/State: SAN JUAN / NM
Well Number: 35	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF080724A	Unit or CA Name:	Unit or CA Number:
US Well Number: 3004525489	Well Status: Producing Gas Well	Operator: HILCORP ENERGY COMPANY

Subsequent Report

Sundry ID: 2752769

Type of Submission: Subsequent Report	Type of Action: Recompletion
Date Sundry Submitted: 09/22/2023	Time Sundry Submitted: 08:54
Date Operation Actually Began: 08/11/2023	

Actual Procedure: The following well has been recompleted into the Fruitland Coal and is now producing as a STANDALONE the existing Gallup has been placed in a TA status. Please see the attached for the recompletion operations.

SR Attachments

Actual Procedure

Zachry_35_SR_RC_Writeup_20230922085432.pdf

Well Name: ZACHRY	Well Location: T28N / R10W / SEC 10 / SWSE / 36.672028 / -107.879807	County or Parish/State: SAN JUAN / NM
Well Number: 35	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF080724A	Unit or CA Name:	Unit or CA Number:
US Well Number: 3004525489	Well Status: Producing Gas Well	Operator: HILCORP ENERGY 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: AMANDA WALKER	Signed on: SEP 22, 2023 08:54 AM
Name: HILCORP ENERGY COMPANY	
Title: Operations/Regulatory Technician	
Street Address: 1111 TRAVIS ST	
City: HOUSTON	State: TX
Phone: (346) 237-2177	
Email address: MWALKER@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: 09/22/2023
Signature: Matthew Kade	

Zachry 35
30-045-25489
NMSF080724A
SR P&A

8/11/2023: MIRU. CK PRESSURES (SITP: 60 PSI SICP: 60 PSI SIBHP: 0 PSI). ND WH. NU & FT BOP, GOOD. TIH & TAG FILL @ 5900' (90' FILL). SCAN TBG OOH. SDFN

8/14/2023: CK PRESSURES (SITP-0, SICP-90, SIBHP-0). MAKE SCRAPER RUN T/5440'. RIH & **SET CIBP @ 5390'**. LOAD W/H2O. PT CSG T/550 PSI, GOOD TST. SDFN

8/15/2023: CK PRESSURES (SITP-0, SICP-0, SIBHP-0). PERFORM MIT T/550 PSI F/30 MINS. WITNESSED & PASSED BY CLARENCE SMITH/NMOCD. RUN CBL. TIH & **SET BP @ 2000'**. DROP BALL, LOAD HOLE & TST, GOOD. **PERF STAGE 1 FRUITLAND COAL (1838' – 1925') INTERVAL W/24 SHOTS, 0.34" DIA, 3 SPF.** ALL SHOTS FIRED. SDFN

8/21/2023: CK PRESSURES (SITP-0, SICP-0, SIBHP-0). PMP 300 GAL 15% HCL, 55-GAL FLUSH, USE AIR UNIT TO PRESSURE UP ON FORMATION. SEEN BREAK OVERS @ 250 PSI, 550 PSI, 675 PSI. TIH W/60 JTS 2 3/8". ND BOP. NU WH. SDFN

8/30/2023: CK PRESSURES (SITP-70, SICP-90, SIBHP-0). ND WH. NU BOP & FT, GOOD TST. TOO H W/TBG. TIH & **SET FRAC PLUG @ 1820'**. RIH W/FRAC STRING. SDFN

8/31/2023: CK PRESSURES (SITP-70, SICP-90, SIBHP-0). LOAD HOLE & PT T/550 PSI, GOOD TST. ND BOP. NU FRAC STACK. PT STACK T/8000 PSI, GOOD. SDFN

9/11/2023: CK PRESSURES (SITP: 0 PSI SICP: 0 PSI SIBHP: 0 PSI). RU FRAC CREW. FRUITLAND COAL STIMULATION: (1838' TO 1925') FRAC AT 50 BPM W/ 60 Q N2 FOAM. TOTAL LOAD: 1279 BBLS TOTAL ACID: 12 BBLS TOTAL SLICKWATER: 1267 BBLS TOTAL 100 MESH SAND: 7,520 LBS TOTAL 40/70 SAND: 65,248 LBS TOTAL N2: 741,000 SCF. DROPPED BIO BALLS. **PERF STAGE 2 FRUITLAND COAL (1732' – 1803') INTERVAL W/24 SHOTS, 0.34" DIA, 3 SPF.** ALL SHOTS FIRED. FRUITLAND COAL STIMULATION: (1732' TO 1803') FRAC AT 50 BPM W/ 60 Q N2 FOAM. TOTAL LOAD: 1247 BBLS TOTAL ACID: 12 BBLS TOTAL SLICKWATER: 1235 BBLS TOTAL 100 MESH SAND: 7,546 LBS TOTAL 40/70 SAND: 74,067 LBS TOTAL N2: 877,000 SCF. DROPPED BIO BALLS. SDFN

9/12/2023: CK PRESSURES (SITP 280 PSI SICP 0 PSI SIBH 0 PSI). ND FRAC STACK. NU BOP, FT, GOOD TST. UNSET PKR. SDFN

9/13/2023: CK PRESSURES (SIBH 0 PSI SITP 150 PSI SICP 100). LD FRAC STRING. TIH. TAG & **DO FRAC PLUG @ 1820'**. CIRC CLEAN. CONT TIH & TAG FILL @ 1958'. CO T/2000'. CIRC CLEAN. POOH T/1716'. SDFN.

9/14/2023: CK PRESSURES (SICP 230 PSI TBG 0 PSI SIBH 0 PSI). TIH. TAG 10' FILL. CO DOWN TO **PLUG @ 2000' & DO.** CONT CO T/2880'. SDFN

9/15/2023: CK PRESSURES (SICP 160 PSI SITP 0 PSI). TIH W/61 JTS 2 3/8" 4.7# J-55. EOT @ 1927', SN @ 1926'. RDRR. HAND WELL OVER TO OPERATIONS.

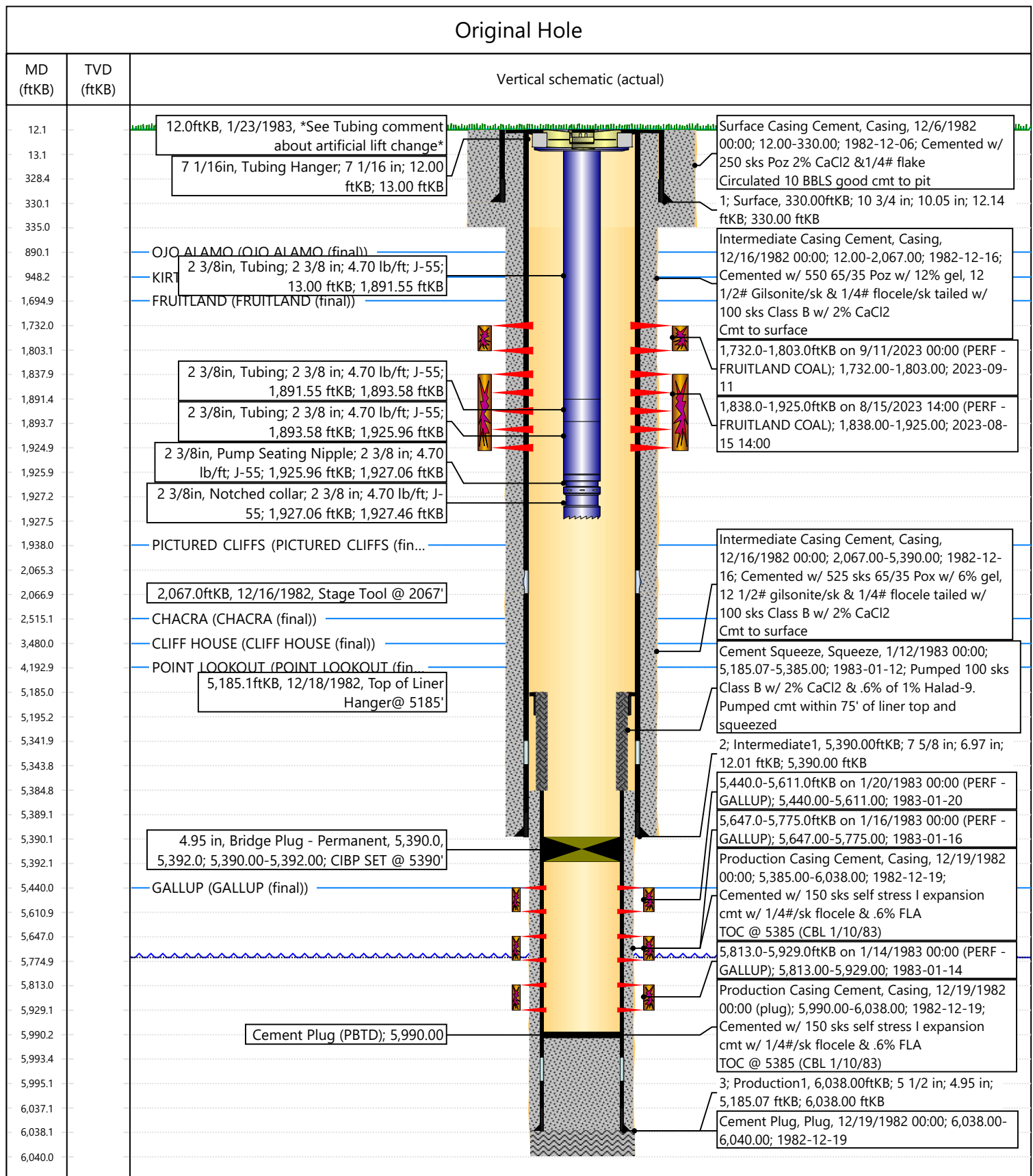
WELL NOW PRODUCING AS A FRUITLAND COAL STANDALONE. THE GALLUP HAS BEEN PLACED IN A TA STATUS

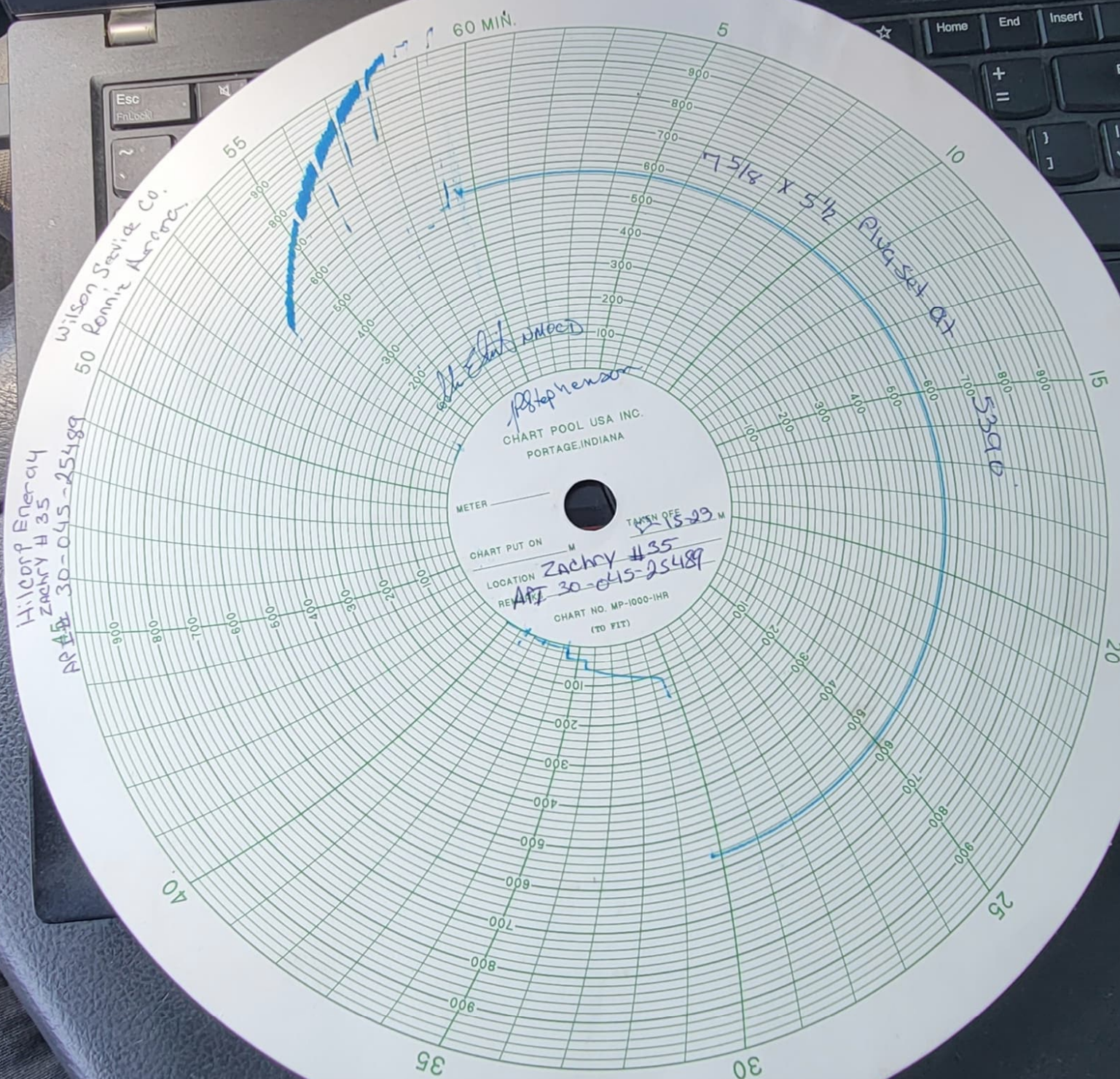


Current Schematic - Version 3

Well Name: ZACHRY #35

API / UWI 3004525489	Surface Legal Location 010-028N-010W-O	Field Name ARMENTA GALLUP	Route 0707	State/Province NEW MEXICO	Well Configuration Type
Ground Elevation (ft) 5,742.00	Original KB/RT Elevation (ft) 5,754.00	RKB to GL (ft) 12.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	





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. NMSF080724A	
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. Zachry 35	
3. Address 382 Road 3100, Aztec, NM 87410					3a. Phone No. (include area code) (505) 599-3400					9. API Well No. 30-045-25489	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface O (SWSE) 990' FSL & 1845' FEL At top prod. Interval reported below At total depth										10. Field and Pool or Exploratory Fruitland Coal	
										11. Sec., T., R., M., on Block and Survey or Area Sec. 10, T28N, R10W	
										12. County or Parish San Juan	13. State New Mexico
14. Date Spudded 12/5/1982			15. Date T.D. Reached 12/18/1982			16. Date Completed 9/15/2023 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.			17. Elevations (DF, RKB, RT, GL)* 5742' GL		
18. Total Depth: 6040'				19. Plug Back T.D.: 5990'				20. Depth Bridge Plug Set: MD 5390' TVD			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL							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 Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled		
14 3/4"	10 3/4", K-55	40.5		330'		295 cu ft.					
9 7/8"	7 5/8", K-55	26.4		5390'		2840 cu ft.					
6 3/4"	5 1/2", K-55	15.5	5185'	6038'		231 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"	1927'										
25. Producing Intervals											
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status			
A) Fruitland Coal		1732'	1925'	3 SPF		0.34"	48 Shots	Open			
B)											
C)											
D)											
27. Acid, Fracture, Treatment, Cement Squeeze, etc.											
Depth Interval			Amount and Type of Material								
1732' TO 1803'			FRAC AT 50 BPM W/ 60 Q N2 FOAM. TOTAL LOAD: 1247 BBLS TOTAL ACID: 12 BBLS TOTAL SLICKWATER: 1235 BBLS TOTAL 100 MESH SAND: 7,546 LBS TOTAL 40/70 SAND: 74,067 LBS TOTAL N2: 877,000 SCF								
1838' TO 1925'			FRAC AT 50 BPM W/ 60 Q N2 FOAM. TOTAL LOAD: 1279 BBLS TOTAL ACID: 12 BBLS TOTAL SLICKWATER: 1267 BBLS TOTAL 100 MESH SAND: 7,520 LBS TOTAL 40/70 SAND: 65,248 LBS TOTAL N2: 741,000 SCF								
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		
9/15/2023		2	➡	0	2.5	0			Flowing		
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status			
26/64"	SI 16	SI 16	➡	0	30	0		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.	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 Kirtland	890'	948'	White, cr-gr ss Gry sh interbedded w/tight, gry, fine-gr ss.	Ojo Alamo Kirtland	890'
	948'	1695'			948'
Fruitland Pictured Cliffs	1695'	1938'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss. Bn-Gry, fine grn, tight ss.	Fruitland Pictured Cliffs	1695'
	1938'	'			1938'
Chacra	2515'	3480'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	2515'
Cliffhouse	3480'	4193'	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	3480'
Point Lookout	4193'	5440'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation Lt. gry to brn calc carb micac gluac silts & very fine gry gry ss w/ irreg. interbed sh.	Point Lookout	4193'
Gallup	5440'	'	Interbed grn, brn & red waxy sh & fine to coard grn ss	Gallup	5440'
Morrison				Morrison	'

32. Additional remarks (include plugging procedure):


Well now producing as a Fruitland Coal STANDALONE. Gallup has been placed in a TA status

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) Amanda Walker Title Operations/Regulatory Technician - Sr.

Signature  Date 9/22/2023

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.

Mandi Walker

From: blm-afmss-notifications@blm.gov
Sent: Friday, September 22, 2023 1:34 PM
To: Mandi Walker
Subject: [EXTERNAL] Well Name: ZACHRY, Well Number: 35, Notification of Well Completion Acceptance

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: **ZACHRY**
- Well Number: **35**
- US Well Number: **3004525489**
- Well Completion Report Id: **WCR2023092289474**

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

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

District IV

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

ACKNOWLEDGMENTS

Action 268272

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 268272
	Action Type: [C-104] Completion Packet (C-104C)

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.

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

District IV
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 268272

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 268272
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	9/28/2023