

Santa Fe Main Office Phone: (505) 476-3441 Fax: (55) 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: KING 1A	Property Code: 318592
Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal	API Number: 30-045-23709
Pool Name: BASIN FRUITLAND COAL	Pool Code: 71629

Section 2 – Surface Location

UL P	Section 22	Township 030N	Range 010W	Lot 16	Ft. from N/S 840' South	Ft. from E/W 1045' East	Latitude 36.79263	Longitude -107.8658	County SAN JUAN
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Section 3 – Completion Information

Producing Method Flowing	Ready Date 8/21/2024	Perforations MD 2,622' – 2,866'	Perforations TVD 2,622' – 2,866'
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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): N/A	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
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): Y	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 Cherylene Weston	
Title: Operations Regulatory Tech Sr.	Date: 9/5/2024

Cheryl Weston

From: Kade, Matthew H <mkade@blm.gov>
Sent: Wednesday, September 4, 2024 5:09 PM
To: Cheryl Weston; Rennick, Kenneth G
Subject: Re: [EXTERNAL] King 1A - FRC Completion WCR ID 92810

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

Good afternoon,

Just to confirm. The BLM has ACCEPTED FOR THE RECORD Well Completion Report ID 92810 for the King 1A (API#30-045-23709) on 8/29/2024.

Thanks,
Matthew Kade
Petroleum Engineer
BLM - Farmington Field Office
6251 College Blvd
Farmington, NM 87402
Office: (505) 564-7736

From: Cheryl Weston <cweston@hilcorp.com>
Sent: Wednesday, September 4, 2024 4:02 PM
To: Kade, Matthew H <mkade@blm.gov>; Rennick, Kenneth G <krennick@blm.gov>
Subject: [EXTERNAL] King 1A - FRC Completion WCR ID 92810

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

Kenny/Matthew:

Hello. I did not receive a submittal email confirmation nor an approval notification email for the above well completion report. Would you please confirm the BLM’s acceptance?

WCR ID	BLM Office	Operator	Well Name	Well Numb.	US Well Number	Status	Created Date	Date
			king				From: mm/dd/yyyy	From: mm
							To: mm/dd/yyyy	To: mm
92810	Farmington	HILCORP ENERGY COMPANY	KING	1A	3004523709	ACCEPTED	2024-08-27 22:16	2024-

Thanks,

Cheryl Weston
San Juan Operations/Regulatory Tech-Sr.
1111 Travis Street | Houston, TX 77002

Ofc: 713.289.2615 | cweston@hilcorp.com



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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 ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,

Other: RECOMPLETE

2. Name of Operator

Hilcorp Energy Company

3. Address

382 Rd 3100, Aztec NM 87410

3a. Phone No. (include area code)

(505) 333-1700

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface Unit P (SESE), 840' FSL & 1045' FEL

At top prod. Interval reported below

Same as above

At total depth

Same as above

14. Date Spudded

1/31/1980

15. Date T.D. Reached

2/7/1980

16. Date Completed

8/21/2024

☐ D & A☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*

6,272'

18. Total Depth:

5,590'

19. Plug Back T.D.:

5,573'

20. Depth Bridge Plug Set:

MD

3,602'

TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

CBL

22. Was well cored?

☒ No☐ Yes (Submit analysis)

Was DST run?

☒ No☐ Yes (Submit report)

Directional Survey?

☒ No☐ 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled
13 3/4"	9 5/8" H-40	36#	0	225'	n/a	224 cf			
8 3/4"	7" J-55	20#	0	3,251'	n/a	437 cf			
	4 1/2" K-55	10.5#	3,115'	5,990'	n/a	433 cf			

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"	2,857'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Fruitland Coal	2,622'	2,743'	4 SPF	0.29"	160	open
B) Fruitland Coal	2,781'	2,866'	4 SPF	0.42"	60	open
C)						
D)						
TOTAL					220	

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
2622-2743	BDW w/water & 1000 gal 15% HCl. Frac @ 50 bpm w/ 70Q N2 foam, 35,238 gal slickwater, 77,656# sand & 990,000 SCF N2
2781-2866	BDW w/water & 1000 gal 15% HCl. Frac @ 50 bpm w/ 70Q N2 foam, 14,700 gal slickwater, 29,616# sand & 414,000 SCF N2
-	

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
8/21/2024	8/21/2024	4	➡	0	19	0	n/a	n/a	Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
28/64"	640 psi	150 psi	➡	0	19	0	n/a	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 (Solid, 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		2,459'	White, cr-gr ss	Ojo Alamo	
Kirtland			Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	
Fruitland	2,459'		Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2,459'
Pictured Cliffs			Bn-Gry, fine grn, tight ss.	Pictured Cliffs	
Lewis			Shale w/ siltstone stingers	Lewis	
Huerfanito Bentonite			White, waxy chalky bentonite	Huerfanito Bentonite	
Chacra		4399'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	
Cliff House	4,399'		Light gry, med-fine gr ss, carb sh & coal	Cliff House	4,399'
Menefee		5122'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	
Point Lookout	5,122'		Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5,122'
Mancos			Dark gry carb sh.	Mancos	
Gallup			Lt. gry to brn calc carb micac glucac silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	
Greenhorn			Highly calc gry sh w/ thin Imst.	Greenhorn	
Graneros			Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	
Dakota			Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	
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 standalone Fruitland Coal pending DHC approval.

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)Cherylene WestonTitleOperations/Regulatory Technician

SignatureCherylene WestonDate8/27/2024

Well Name: KING	Well Location: T30N / R10W / SEC 22 / SESE / 36.792633 / -107.865799	County or Parish/State: SAN JUAN / NM
Well Number: 1A	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078207	Unit or CA Name:	Unit or CA Number:
US Well Number: 3004523709	Operator: HILCORP ENERGY COMPANY	

Subsequent Report

Sundry ID: 2808752

Type of Submission: Subsequent Report

Type of Action: Recompletion

Date Sundry Submitted: 08/27/2024

Time Sundry Submitted: 03:13

Date Operation Actually Began: 08/06/2024

Actual Procedure: The subject well was recompleted into the Fruitland Coal and is currently producing as standalone pending DHC approval. The existing Mesaverde is isolated.

SR Attachments

Actual Procedure

King_1A_RC_Sundry_20240827151300.pdf

Well Name: KING

Well Location: T30N / R10W / SEC 22 /
SESE / 36.792633 / -107.865799

County or Parish/State: SAN
JUAN / NM

Well Number: 1A

Type of Well: CONVENTIONAL GAS
WELL

Allottee or Tribe Name:

Lease Number: NMSF078207

Unit or CA Name:

Unit or CA Number:

US Well Number: 3004523709

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: CHERYLENE WESTON

Signed on: AUG 27, 2024 03:13 PM

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: KENNETH G RENNICK

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647742

BLM POC Email Address: krennick@blm.gov

Disposition: Accepted

Disposition Date: 08/29/2024

Signature: Kenneth Rennick



Well Operations Summary L48

Well Name: KING #1A

API: 3004523709

Field: BLANCO MESAVERDE (PRORATED GAS

State: NEW MEXICO

Permit to Drill (PTD) #:

Sundry #:

Rig/Service: RIO 22

Jobs

Actual Start Date: 8/6/2024

End Date:

Report Number
1Report Start Date
8/6/2024Report End Date
8/6/2024

Operation

ACCEPT RIG FROM THE CALLOWAY 1M. MOVE RIG AND SUPPORT EQUIPMENT TO LOCATION/KING 1A

RIG UP RIG AND SUPPORT EQUIPMENT. 160 BBLs OF 2% KCL PUT IN RIG PIT.

SAFETY MEETING ON TODAY'S OPERATION. TOOK PRESSURES ON WELL. CASING 300 PSI. TUBING 200 PSI. BH 0 PSI. BLEW WELL DOWN IN 30 MINUTES.

ND WH. NU BOP. TEST BOP. NU TOOK LONGER DUE TO SEIZED UP LOCK PINS. PUMPED 20 BBLs OF 2 % KCL DOWN THE TUBING DURING NIPPLE UP. WELL TRYING TO UNLOAD UP TUBING.

UNSEAT TUBING HANGER AND ATTEMPT TO PULL TO RIG FLOOR. TUBING STUCK. STRING WEIGHT @ 26K. WORKED TUBING UP TO 33K OVER STRING WEIGHT. STILL WOULD NOT FREE UP. WE HAD 22 INCHES OF MOVEMENT. THEN WORKED IT FROM STRING WEIGHT TO 55K WITH NO LUCK. PUMPED 20 BBLs OF WATER DOWN CASING AND ATTEMPTED TO WORK TUBING FREE. COULD NOT FREE THE TUBING UP. LET ENGINEER JACKSON LANCASTER KNOW ABOUT THE STUCK TUBING.

DECISION MADE TO PUMP A BRIDGE BREAKER CHEMICAL TREATMENT DOWN THE BACKSIDE. WAIT ON CHEMICAL TO ARRIVE FROM TOWN. PUMP TREATMENT DOWN THE CASING. LEFT TUBING IN 15K TENSION FOR THE NIGHT. NOTE BRIDGE BREAKER: CREEDENCE PUMPED 5 GALLONS OF DISPERSANT DOWN THE CASING. 15 GALLONS OF PARRAFIN SOLVENT. 5 GALLONS CHELATOR. 100 GALLONS INHIBITED 15% HCL. FOLLOWED WITH A 1 BARREL FLUSH.

SHUT WELL IN. SECURE LOCATION. SHUT DOWN FOR THE NIGHT.

TRAVEL TO YARD

Report Number
2Report Start Date
8/7/2024Report End Date
8/7/2024

Operation

CREW TRAVEL TO LOCATION.

HOLD PJSM. DISCUSS DAYS ACTIVITIES. BDW.

SITP: 80

SICP: 160 PSI

SIBHP: 0 PSI

BDW: 15

WORK TUBING. GAIN 2". CALL OUT WIRE LINE. W/O WIRELINE (30 MIN). PJSM. MIRU THE WIRELINE GROUP. RIH W/ FREEPOINT TOOL. FREE ABOVE COLLAR AT 4620' (100% FREE AT 4600' 0% FREE AT 4635'). POOH. RIH W/ CHEMICAL CUTTER. LOAD TBG FULL W/ 15 BBL 2% KCL. CUT TBG AT 4613' (6' ABOVE COLLAR). POOH. GOOD CUT.

PULL TUBING HANGER (NO OVER PULL). R/D TWG.

R/U PREMIER NDT SCANNING EQUIPMENT. L/D SCANNING 2-3/8" TUBING.

0- YELLOW

3- BLUE

30- GREEN

114- RED. DOWNGRADE DUE TO PITTING. TBG CUT ON JT #147. SCALE ON OUTSIDE OF JTS 145-147. R/D PREMIER NDT SCANNING EQUIPMENT.

SPOT FISHING TOOLS. SWAP TUBING FLOATS. P/U 3-3/4" CUT LIP OVER SHOT, BUMPER SUB, AND FLOAT SUB. TALLY AND P/U 3-1/8" DRILL COLLARS. P/U JARS. TALLY AND P/U TUBING TO ABOVE LINER TOP. EOT AT 3026.56'

SHUT IN WELL. SECURED LOCATION. DEBRIEFED CREW. SDFN.

CREW TRAVELED HOME.

Report Number
3Report Start Date
8/8/2024Report End Date
8/8/2024

Operation

CREW TRAVEL TO LOCATION.

HOLD PJSM. DISCUSS DAYS ACTIVITIES. BDW.

SITP: 0

SICP: 140 PSI

SIBHP: 0 PSI

BDW: 10

P/U TUBING TO TOP OF FISH.

ENGAGE FISH AT 4613'. JAR AND WORK FISH FREE. HAD TO JAR NEXT COLLAR ALSO. FISH ON (SW FROM 26K TO 34K). PUMP 15 BBL DOWN CSG. PULLING FREE. TOO. L/D JARS. STAND UP DRILL COLLARS. L/D FISHING TOOLS.

MIRU EXPERT SLICK LINE. RIH AND AND ATTEMPT TO PERF TUBING (FAIL, FILL ON TOP OF 3 SLIP). POOH. RIH AND SET 3 SLIP STOP. POOH. RIH AND PEF TUBING AT 820'. POOH. R/D SLICK LINE.

L/D FISH (28 JTS OF 2-3/8" TUBING RECOVERED). ALL FISH RECOVERED. HEAVY SCALE ON FIRST 21 JTS (OF FISH. EOT PLUGGED W/ SCALE, OUTSIDE CLEAN ON LAST 7 JTS.

P/U HEC 4-1/2" CIBP. TIH. SET CIBP AT 3600'.

L/D 1 JT. LOAD CASING. CIRCULATE WELL CLEAN.

PT CSG. FIX SURFACE LEAKS. PT CSG TO 620 PSI. PRESSURE HELD FOR 30 MIN.

TOOH. L/D SETTING TOOL.

PJSM. MIRU THE WIRELINE GROUP. SHUT DOWN DUE TO WEATHER

SHUT IN WELL. SECURED LOCATION. DEBRIEFED CREW. SDFN.



Well Operations Summary L48

Well Name: KING #1A

API: 3004523709

Field: BLANCO MESAVERDE (PRORATED GAS

State: NEW MEXICO

Sundry #:

Rig/Service: RIO 22

Operation

CREW TRAVELED HOME.

Report Number 4	Report Start Date 8/9/2024	Report End Date 8/9/2024
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Operation

GATHER RIG SUPPLIES, TRAVEL FROM HILCORP YARD TO WELLSITE

PRE JOB SAFETY MEETING, DISCUSS RIGGING UP E-LINE, LAYING DOWN DRILL COLLARS, LAYING DOWN TUBING, BRADENHEAD PRESSURE 0 PSI, CASING PRESSURE 0 PSI, TUBING PRESSURE N/A, BD 0 MINUTES

RUN 6.25" GUAGE RING FROM TOP OF LINER TO SURFACE, NO ISSUES, **RUN BOND LOG FROM 3600' TO SURFACE, CEMENT TOP 2400', RUN CNL LOG FROM 3000' TO 2500'**, RIG DOWNRIG UP PRESSURE TESTERS, **PERFORM WITNESSED MIT @ 580 PSI START 560 COMPLETE, 10 MINUTE STRAIGHT LINE EOT, TEST WITNESSED AND APPROVED BY JOHN DURHAM, NMOCD**, RIG DOWN TESTERSNIPPLE DOWN BOPE, NIPPLE DOWN 2K TUBING SPOOL, 3-1/2 HRS DUE TO CORROSION BOLTS, NIPPLE UP 3K TUBING SPOOL, **PRESSURE TEST VOID 1500 PSI 30 MINUTES, GOOD TEST, NIPPLE UP BOPE, FT BOP, GOOD TEST**

TRIP DRILL COLLARS IN HOLE, LAY DOWN

TRIP IN HOLE, LAY DOWN 60 JOINTS

SHUT IN ANE SECURE WELL FOR WEEKEND

TRAVEL FROM WELLSITE TO HILCORP YARD

Report Number 5	Report Start Date 8/12/2024	Report End Date 8/12/2024
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Operation

GATHER RIG UPPLIES, TRAVEL FROM HILCORP YARD TO WELLSITE

PRE JOB SAFETY MEETING, DISCUSS LAYING DOWN TUBING, RIGGING UP TO RUN PLUGS AND PERFORATING, RECORD WELLHSED PRESSURES, BRADENHEAD 0 PSI, CASING 0 PSI, TUBING N/A, BDW 0 MINUTES

COMPLETE TUBING LAY DOWN

RU TWG, PICK UP AND **RUN COMPOSITE BRIDGE PLUG SET @ 2910'**, PICK UP AND RUN PERF GUNS, **PERFORATE FROM 2866' TO 2781', 4 SPF, .42" DIAMETER (60 HOLES) 41" PENETRATION**, PICK UP PUMP THROUGH PLUG SET @ 2770', RD TWG

PICK UP PACKER, PRESSURE TEST TO 8K, PICK UP AND RUN 82 JOINTS 3-1/2" P-110 TUBING WITH TURNED DOWN COUPLINGS, HYDRO TO 8K, GOOD TEST, PICK UP 9.5' PUP JOINT AND TUBING HANGER, HYDRO TO 8K, GOOD TEST, SET PACKER AND LAND @ 2594.98' 15K COMPRESSION

FILL ANNULUS TUBING BY FRAC STRING, PRESSURE TEST TO 500 PSI, GOOD TEST

SISW SHUT DOWN FOR EVENING

TRAVEL TO HILCORP YARD

Report Number 6	Report Start Date 8/13/2024	Report End Date 8/13/2024
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Operation

GATHER RIG SUPPLIES, TRAVEL FROM HEC YARD TO WELLSITE

PRE JOB SAFETY MEETING, DISCUSS HANDLING BOP DURING NIPPLE DOWN, RECORD WELLHEAD PRESSURES, BRADENHEAD 0 PSI, CASING 0 PSI, TUBING 0 PSI, 0 MINUTES BLOW DOWN

ATTEMPT TO TEST ANNULUS CASING TO FRAC STRING, FAILED, RELEASE FRAC PACKER MOVE UP HOLE 1' RESET PACKER

SET PACKER @ 2595' LAND WITH 22K COMPRESSION ON PACKER

PRESSURE TO 500 PSI, HELD 20 MINUTES THEN DROPPED TO 200 PSI, CASING BLEED DOWN TO ZERO

RELEASE PACKER LAY DOWN 1 JOINT P-110 FRAC STRING, RESET PACKER 2564' 23K COMPRESSION ON PACKER

PUMP DOWN CASING 500 PSI, TEST FAIL

PUMP DOWN TUBING ESTABLISH RATE OF 3 BBLS/MIN @ 1000 PSI, NO COMMUNICATION ON CASING

ATTEMPT TO PUMP DOWN CASING FOR TEST, UNABLE TO MAINTAIN PRESSURE, TEST FAIL

RELEASE PACKER LAY DOWN 3 JOINTS P-110 FRAC STRING, RESET PACKER 2469', TEST CASING 500 PSI, 30 MINUTES, GOOD TEST

RELEASE PACKER TRIP BACK IN HOLE TO 2695'

TEST CASING 500 PSI 30 MINUTES, GOOD TEST, ESTABLISH 3 BBLS/ MINUTE @ 1000 PSI DOWN TUBING, NO COMMUNICATION ON CASING

RIG DOWN FLOOR, NIPPLE DOWN BOPE

NIPPLE UP **FRAC STACK, PRESSURE TEST TO 8000 PSI, GOOD TEST****PRESSURE TEST FRAC STACK, 25 PSI LOW, 8K HIGH**

SHUT IN SECURE WELL FOR NIGHT


Report Number 7	Report Start Date 8/16/2024	Report End Date 8/16/2024
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Operation

MOVE IN SPOT AND R/U GORE N2 AND THE WIRELINE GROUP.

COOL DOWN. PRIME EQUIPMENT. PRESSURE TEST FLUID LINES TO 7800 PSI. GOOD TEST. PRESSURE TEST N2 LINES TO 7800 PSI. GOOD TEST.

HELD PRE JOB SAFETY MEETING WITH ALL PERSONAL ON LOCATION.

<div>Hilcorp Energy Company</div>			<div>Well Operations Summary L48</div>		
Well Name: KING #1A					
API: 3004523709		Field: BLANCO MESAVERDE (PRORATED GAS)		State: NEW MEXICO	
		Sundry #:		Rig/Service: RIO 22	
Operation					
FRUITLAND COAL STIMULATION: (2781' TO 2866')					
FRAC AT 50 BPM W/ 70Q N2 FOAM. TOTAL LOAD: 374 BBLS SLICKWATER: 350 BBLS TOTAL ACID: 24 BBLS TOTAL 100 MESH SAND: 2,284 LBS TOTAL 40/70 SAND: 27,332 LBS TOTAL N2: 414,000 SCF AVERAGE RATE: 50.0 BPM MAX RATE: 51.0 BPM AVERAGE PRESSURE: 2,623 PSI MAX PRESSURE: 3,230 PSI MAX SAND CONC: 2.25 PPG DOWNHOLE. ISIP: 601 PSI					
DROP 2.25" BALL. GOOD BALL ACTION. PT PLUG TO 1200 PSI (GOOD).					
PERF STAGE #2 (FRC) INTERVAL 160 SHOTS, 0.29" DIA, 2" RTG GUN, SELECT FIRE 4 SPF 90 DEGREE PHASING AT 2622'-2627', 2635'-2639', 2708'-2730', 2734'-2743'.					
ALL SHOTS FIRED.					
POH. R/D WRLN LUBRICATOR.					
FRUITLAND COAL STIMULATION: (2622' TO 2743')					
FRAC AT 50 BPM W/ 70Q N2 FOAM. TOTAL LOAD: 863 BBLS SLICKWATER: 839 BBLS TOTAL ACID: 24 BBLS TOTAL 100 MESH SAND: 5,410 LBS TOTAL 40/70 SAND: 72,246 LBS TOTAL N2: 990,000 SCF AVERAGE RATE: 50.1 BPM MAX RATE: 50.9 BPM AVERAGE PRESSURE: 2,511 PSI MAX PRESSURE: 2,846 PSI MAX SAND CONC: 2.25 PPG DOWNHOLE. ISIP: 1149 PSI					
DROPPED (104) TTS PERF PODS IN THE MIDDLE OF THE STAGE. VERY SLIGHT PRESSURE INCREASE SEEN.					
SHUT IN WELL. SECURED LOCATION.					
RIG DOWN FRAC, N2 AND WIRELINE EQUIPMENT.					
Report Number 8		Report Start Date 8/17/2024		Report End Date 8/17/2024	
Operation					
MOVE RIG AND SUPPORT EQUIPMENT FROM THE MCLANAHAN 19E TO THE KING 1A.					
RIG UP RIG AND SUPPORT EQUIPMENT.					
TOOK PRESSURES ON WELL. TUBING 400 PSI. CASING 0 PSI. BH 0 PSI. RIG UP BIG RED BLOW DOWN IRON. BLOW WELL FOR 45 MINUTES. SHUT WELL IN. LUBRICATE TWC IN HANGER. VERIFY TWC IS HOLDING. ND 10 K FRAC STACK. NU BOP. RIG UP WELL CHECK TO DO A CHARTED BOP TEST TO 250 PSI LOW AND 2500 PSI HIGH ON THE PIPE AND BLIND RAMS. RIG DOWN WELL CHECK. RELEASE PACKER AND PULL HANGER TO THE RIG FLOOR. LUBRICATE OUT TWC FROM THE HANGER. PUMP A 30 BBL KILL DOWN THE FRAC STRING. LAY DOWN HANGER AND 10' SUB. INSTALL TIW VALVE.					
SHUT WELL IN. SECURE LOCATION. SHUT DOWN FOR THE DAY.					
TRAVEL TO YARD					
Report Number 9		Report Start Date 8/18/2024		Report End Date 8/18/2024	
Operation					
TRAVEL TO LOCATION.					
SAFTEY MEETING WITH CREW. TOOK PRESSURES ON WELL. CASING 120. TUBING 400. BH 20 PSI. BLOW CASING DOWN IN 10 MINUTES.					
PUMP A 40 BBL KILL DOWN THE TUBING/Frac STRING. TRIP OUT OF THE HOLE WITH THE 3 1/2" P-110 FRAC STRING AND PACKER FROM A DEPTH 2594' LAYING PIPE DOWN ON THE PIPE TRAILER.					
SWAP OUT PIPE TRAILERS. SENT THE WEATHORFORD 3 1/2" P-110 FRAC STRING TO TUBOSCOPE. SPOT IN 2 3/8" TUBING TRAILER. CHANGE OVER TO 2 3/8" HANDLING TOOLS.					
TALLY. PICK UP AND TRIP IN THE HOLE WITH 6 1/4" JUNK MILL. SIX 3 1/8" DRILL COLLARS. CHANGE OVER AND 2 3/8" TUBING TO A DEPTH OF 2770" FRAC BAFFLE TAGGED JOINT 82.					
RIG UP POWER SWIVEL. ESTABLISH 12 BBL PER HOUR AIR FOAM MIST. MILL OUT FRAC BAFFLE AT A DEPTH OF 2770' . CIRCULATE HOLE CLEAN AT THAT DEPTH. WELL MAKING WATER AND SOME SHOWS OF GAS. SHUT AIR UNIT DOWN. PICK UP 5 JOINTS OF TUBING. TAG PLUG AT 2910' WITH 87 JOINTS. BRING ON AIR FOAM MIST. START MILL UP PLUG . SECOND PLUG TAKING LONGER DUE TO FRAC BAFFLE SPINNING ON TOP OF CBP AT 2910. CIRCULATE HOLE CLEAN UNTIL SAND WAS AT A TRACE. SHUT AIR UNIT DOWN. HANG BACK SWIVEL TRIP OUT OF THE HOLE WITH 6 STANDS TO A DEPTH OF 2524' WITH JUNK MILL. TOP PERF AT 2622'.					
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Page 3/4					
Report Printed: 8/20/2024					



Well Operations Summary L48

Well Name: KING #1A

API: 3004523709

Field: BLANCO MESAVERDE (PRORATED GAS)State: NEW MEXICO

Sundry #:

Rig/Service: RIO 22

Operation

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

TRAVEL TO YARD

Report Number
10

Report Start Date
8/19/2024

Report End Date
8/19/2024

Operation

TRAVEL TO LOCATION.

SAFETY MEETING ON OPERATIONS TODAY. TOOK PRESSURES ON WELL. CASING 350. TUBING 14. BH 65 PSI. BLEW CASING DOWN 10 MINUTES.

TRIP IN HOLE TO CBP AT 2910'. PICK UP SWIVEL. BRING ON AIR UNIT AT 1300 CFM AND 12 BBL PER HOUR AIR FOAM MIST. CONTINUE **DRILL OUT OF FRAC BAFFLE REMAINS AND CBP AT 2910'**. CIRCULATED HOLE CLEAN. SHUT AIR FOAM MIST DOWN. PUSHED REMAINS OF PLUG DOWN TO LINER TOP AT 3115'. LAST PLUG MILLED OFF SLOW DUE TO FRAC BAFFLE REMAINS ON TOP OF CBP AT 2910'.

TRIP OUT WITH 6 1/4" JUNK MILL FROM A DEPTH OF 3115'.

TRIP AND DRIFT IN THE HOLE WITH THE **2 3/8" PRODUCTION STRING** AS FOLLOWS. 2 3/8" PUMP OUT DISC SUB. 1.780 ID SN. ONE JOINT OF 2 3/8" TUBING. 2' X 2 3/8" MARKER JOINT. **88 JOINTS OF 2 3/8" TUBING**. 6' X 2 3/8" PUP JOINT. ONE JOINT OF 2 3/8" TUBING AND 7 1/16" TUBING HANGER. **TOTAL JOINTS IN THE HOLE 90. TUBING LANDED AT 2856.63'**. SEATING NIPPLE AT 2854.93'. LINER TOP AT 3115'.

ND BOP. NU WH. PUMP A 2 BBL WATER PAD DOWN TUBING. PRESSURE TEST TUBING TO 500 PSI WITH AIR UNIT. TESTED GOOD. PUMP OFF DISC 1050 PSI. UNLOADED HOLE. SHUT AIR UNIT DOWN.

RIG DOWN RIG AND EQUIPMENT. JOB COMPLETE.

TRAVEL TO YARD.

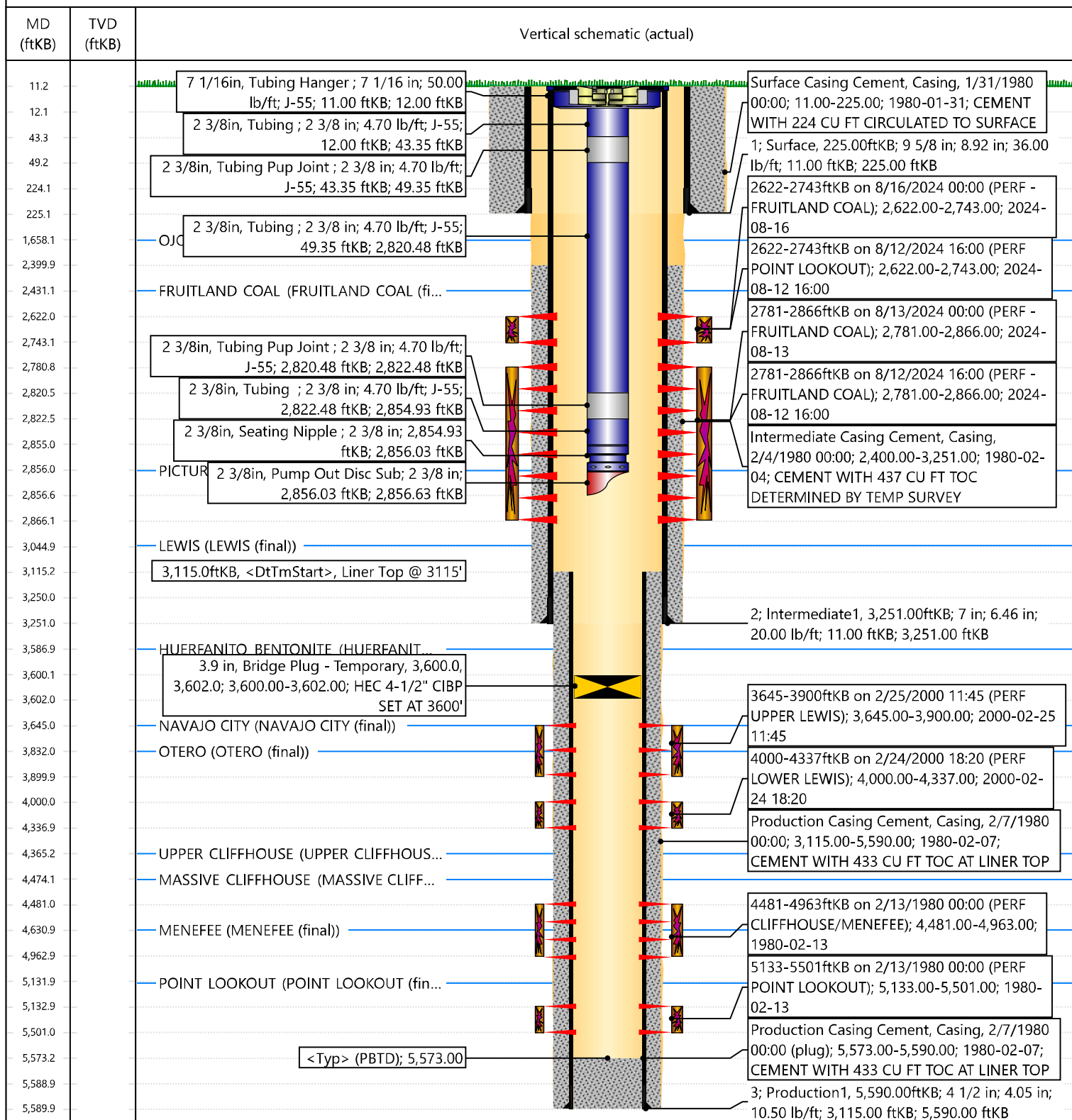


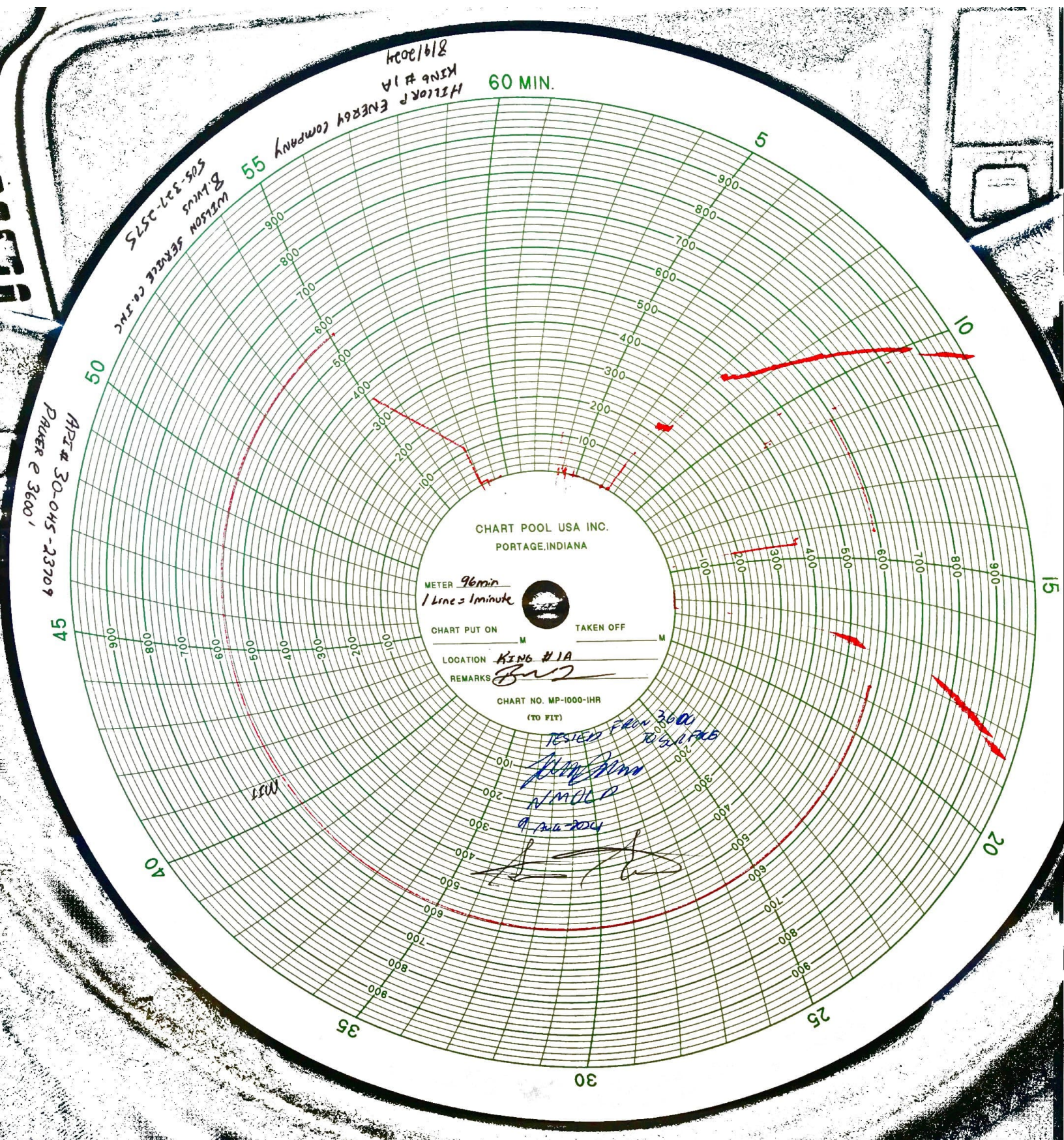
Current Schematic - Version 3

Well Name: KING #1A

API / UWI 3004523709	Surface Legal Location 022-030N-010W-P	Field Name BLANCO MESAVERDE (PRORATED GAS)	Route 0305	State/Province NEW MEXICO	Well Configuration Type
Ground Elevation (ft) 6,272.00	Original KB/RT Elevation (ft) 6,283.00	Tubing Hanger Elevation (ft)	RKB to GL (ft) 11.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)
Tubing Strings					
Run Date 8/19/2024 14:00	Set Depth (ftKB) 2,856.63	String Max Nominal OD (in) 2 3/8	String Min Nominal ID (in) 2.00	Weight/Length (lb/ft) 4.70	Original Spud Date 1/31/1980 00:00

Original Hole





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 380888

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 380888
	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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CONDITIONS

Action 380888

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 380888
	Action Type: [C-104] Completion Packet - New Well (C-104NW)

CONDITIONS

Created By	Condition	Condition Date
smcgrath	None	9/18/2024