

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: 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), <b>if yes</b> 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 <b>Cherylene Weston</b>	
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 Number	US Well Number	Status	Created Date	Date
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](mailto:cweston@hilcorp.com)



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UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 BUREAU OF LAND MANAGEMENT

FORM 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

5. Lease Serial No. **NMSF078207**

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator **Hilcorp Energy Company**

8. Lease Name and Well No. **King 1A**

3. Address **382 Rd 3100, Aztec NM 87410**

3a. Phone No. (include area code) **(505) 333-1700**

**30-045-23709**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface **Unit P (SESE), 840' FSL & 1045' FEL**

10. Field and Pool or Exploratory **Basin Fruitland Coal**

11. Sec., T., R., M., on Block and Survey or Area **Sec. 22, T30N, R10W**

At top prod. Interval reported below **Same as above**

12. County or Parish **San Juan** 13. State **New Mexico**

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 Sk. & 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)						
<b>TOTAL</b>					<b>220</b>	

26. Perforation Record

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)						
<b>TOTAL</b>					<b>220</b>	

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	<b>Flowing</b>
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.	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 (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
<b>Ojo Alamo</b>			White, cr-gr ss	<b>Ojo Alamo</b>	
<b>Kirtland</b>		<b>2,459'</b>	Gry sh interbedded w/tight, gry, fine-gr ss.	<b>Kirtland</b>	
<b>Fruitland</b>	<b>2,459'</b>		Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	<b>Fruitland</b>	<b>2,459'</b>
<b>Pictured Cliffs</b>			Bn-Gry, fine grn, tight ss.	<b>Pictured Cliffs</b>	
<b>Lewis</b>			Shale w/ siltstone stingers	<b>Lewis</b>	
<b>Huerfanito Bentonite</b>			White, waxy chalky bentonite	<b>Huerfanito Bentonite</b>	
<b>Chacra</b>		<b>4399'</b>	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	<b>Chacra</b>	
<b>Cliff House</b>	<b>4,399'</b>		Light gry, med-fine gr ss, carb sh & coal	<b>Cliff House</b>	<b>4,399'</b>
<b>Menefee</b>		<b>5122'</b>	Med-dark gry, fine gr ss, carb sh & coal	<b>Menefee</b>	
<b>Point Lookout</b>	<b>5,122'</b>		Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	<b>Point Lookout</b>	<b>5,122'</b>
<b>Mancos</b>			Dark gry carb sh.	<b>Mancos</b>	
<b>Gallup</b>			Lt. gry to brn calc carb micac glauc silts & very fine gry gry ss w/ irreg. interbed sh.	<b>Gallup</b>	
<b>Greenhorn</b>			Highly calc gry sh w/ thin Imst.	<b>Greenhorn</b>	
<b>Graneros</b>			Dk gry shale, fossil & carb w/ pyrite incl.	<b>Graneros</b>	
<b>Dakota</b>			Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	<b>Dakota</b>	
<b>Morrison</b>			Interbed grn, brn & red waxy sh & fine to coard grn ss	<b>Morrison</b>	

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 Weston Title Operations/Regulatory Technician  
 Signature Cherylene Weston Date 8/27/2024

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.

<b>Well Name:</b> KING	<b>Well Location:</b> T30N / R10W / SEC 22 / SESE / 36.792633 / -107.865799	<b>County or Parish/State:</b> SAN JUAN / NM
<b>Well Number:</b> 1A	<b>Type of Well:</b> CONVENTIONAL GAS WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMSF078207	<b>Unit or CA Name:</b>	<b>Unit or CA Number:</b>
<b>US Well Number:</b> 3004523709	<b>Operator:</b> 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 1	Report Start Date 8/6/2024	Report End Date 8/6/2024
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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 2	Report Start Date 8/7/2024	Report End Date 8/7/2024
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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 3	Report Start Date 8/8/2024	Report End Date 8/8/2024
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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 DOWN**

**RIG 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 TESTERS**

NIPPLE 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 BLED 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.



## Well Operations Summary L48

**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
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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
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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/FAC 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'.



### 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.



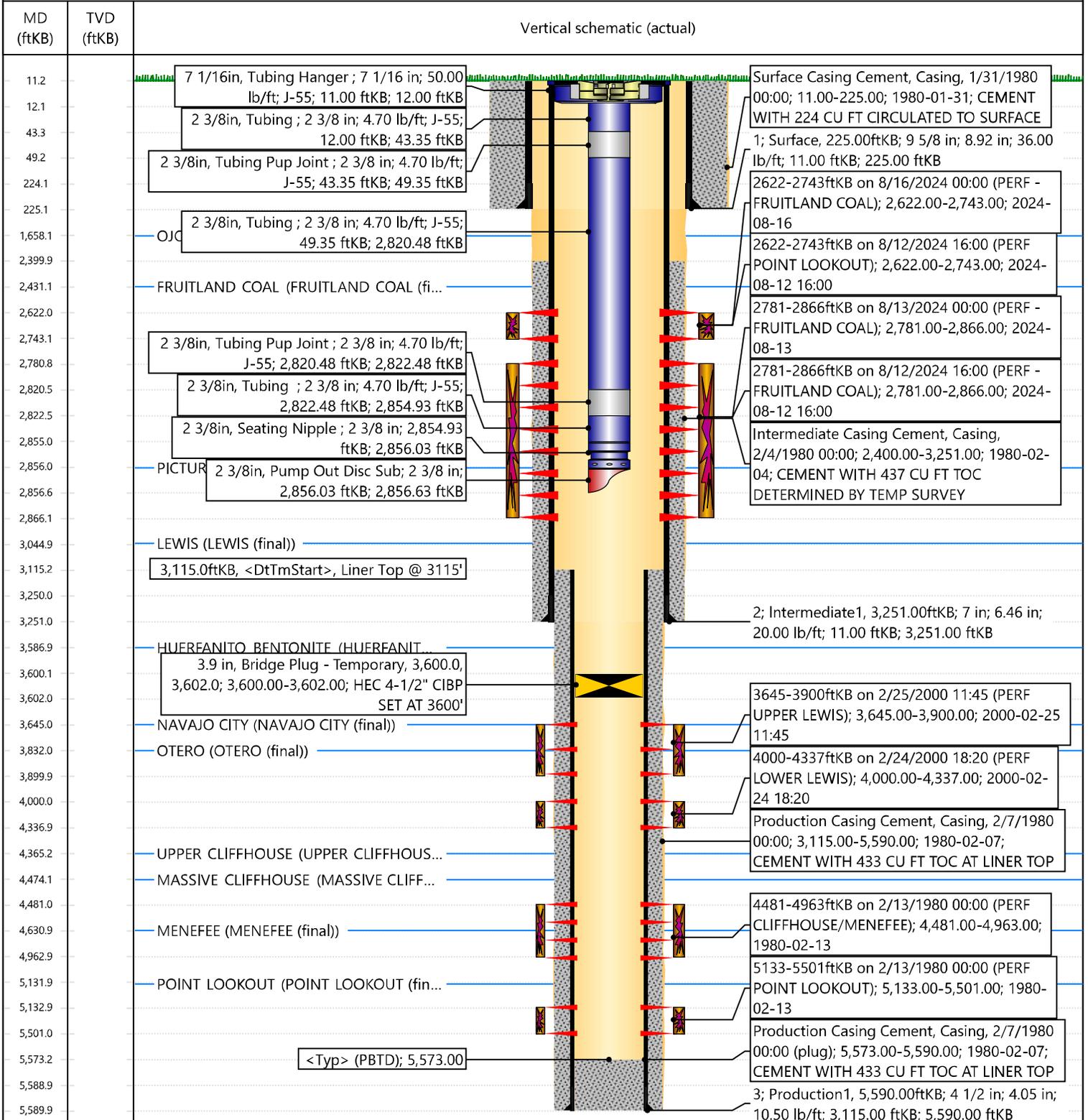
### Current Schematic - Version 3

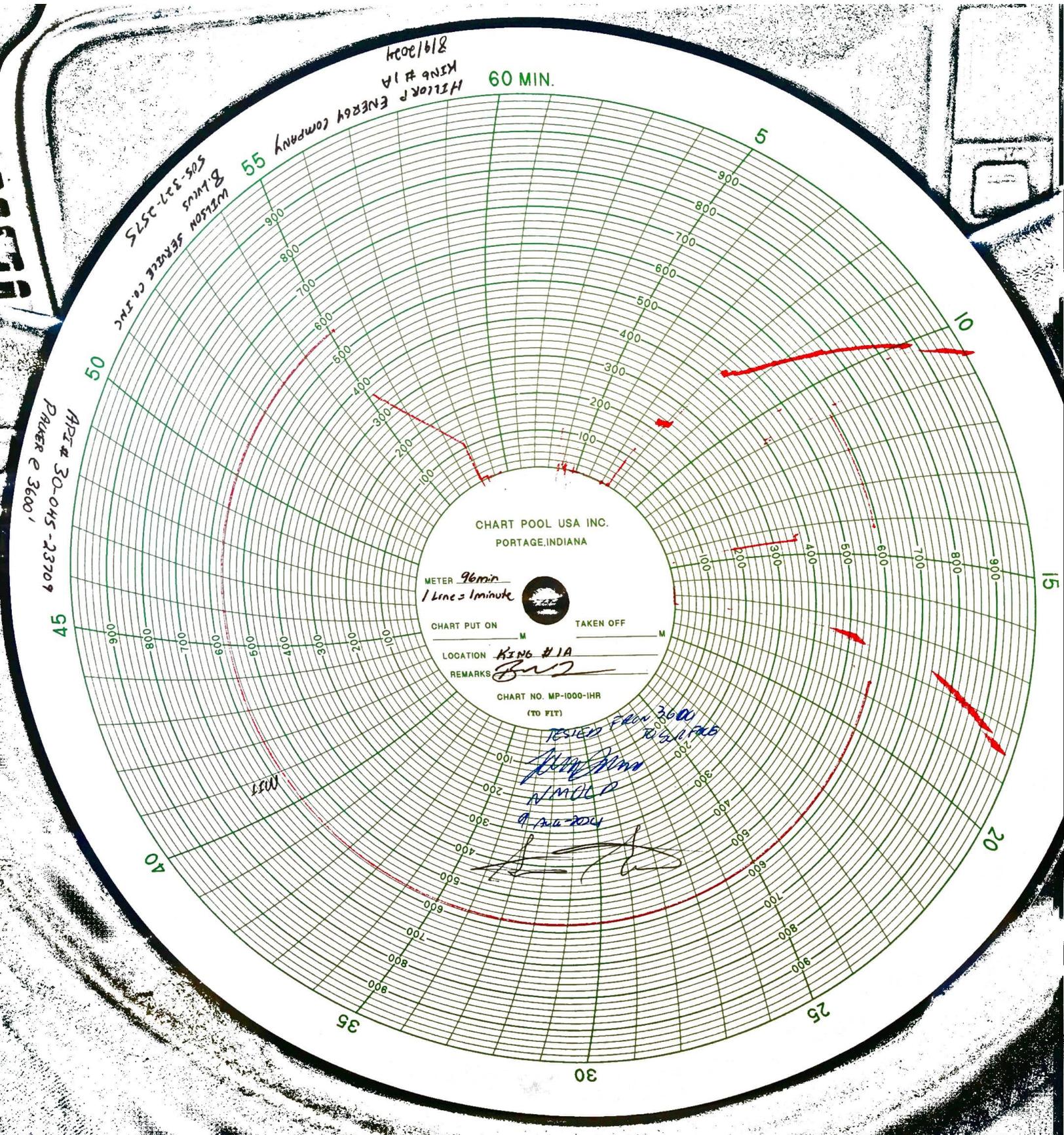
Well Name: KING #1A

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