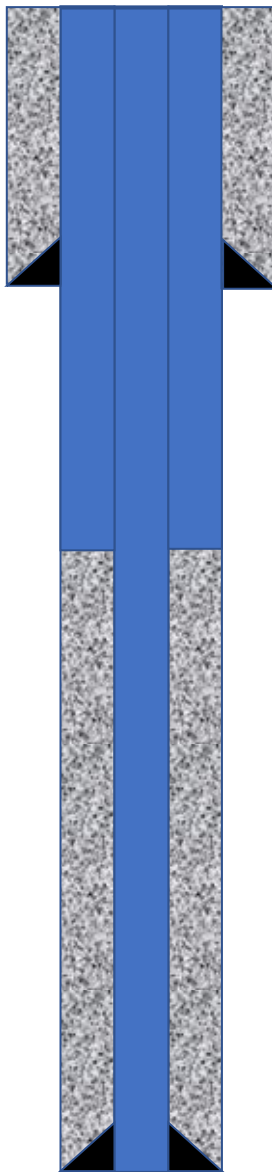


# FEDERAL 7-13

## CURRENT DIAG

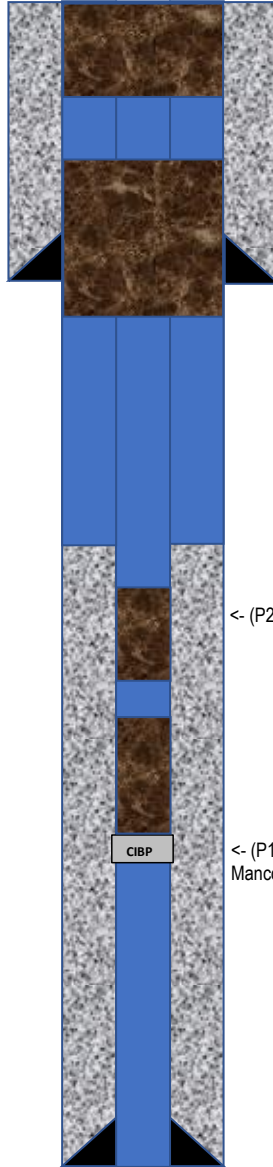
SURF: FED	MIN: FED
KB 6498'	
GL 6486'	
Mesaverde	Surface
8.625 24#J55	241'
ETOC 1290' f/ 9/29/1998 CBL	
Castlegate	1530'
Mncs Silt	2408'
Mancos Perf top	2515'
Mncs B	2720'
Mancos Perf btm	2931'
PBTD	3232'
5.5 15.5#J55	3234'
7.875" hole	3250'



# FEDERAL 7-13

## PROPOSED DIAG

SURF: FED	MIN: FED
KB 6498'	
GL 6486'	
Mesaverde	Surface
8.625 24#J55	241'
ETOC 1290' f/ 9/29/1998 CBL	
Castlegate	1530'
Mncs Silt	2408'
Mancos Perf top	2515'
Mncs B	2720'
Mancos Perf btm	2931'
PBTD	3232'
5.5 15.5#J55	3234'
7.875" hole	3250'



<- (P4) Plug for surface from 0' to 105' both inside 5.5" csg and in annulus. Perf at 105' and fill annulus with ~17.6 SXS and inside 5.5" with ~12.2 SXS. Total = ~30 SXS, 105'.

<- (P3) Plug for surface casing from 181' to 291' both inside 5.5" csg and in annulus. Perf at 291' and fill annulus with ~20 SXS and inside 5.5" with ~13 SXS. Total = ~33 SXS, 110'.

<- (P2) Cement plug f/ 1475'-1590', ~13.4 SXS. Isolates Castlegate formation

<- (P1) CIBP set 2465' w/ 150 ft cmt on top f/ 2315'-2465', 18 SXS. Covers Mancos perms and Mancos silt top.

# KGH OPERATING COMPANY

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Dragon Trail

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Federal 7-13

**8/28/2024**

**Consulting Engineer:**

**Brad Laney 435-828-5469 (blaney@ubtanet.com)**

# KGH Operating Company

## General Information

Well Name: Federal 7-13

Location: SWSW S7 T2S R102W  
600' FSL, 779' FWL  
Rio Blanco, Colorado

Latitude: 39.883183  
Longitude: -108.892497

API#: 05-103-09907

Elevation: GL 6486'  
KB 6498'

Total Depth: 3250'  
PBSD: 3232'

Surface Casing (12.25 bit): 8 5/8" 24# J55 @ 241' (cmt w/ 125 sxs "G", 2%KCl, 1/4# floeal)

Production Casing (7.875 bit): 5.5" 15.5# J55 @3234' (cmt w/ 55 sxs Lite, 125 sxs "G")

ETOC: 1290' from 9/29/98 CBL (see below)

### TUBULAR PROPERTIES:

	BURST (psi)	COLLAPSE (psi)	DRIFT DIA. (in.)	CAPACITIES	
				(bbl./ft)	(gal/ft)
2 3/8" 4.7# J55 tbg	7700	8100	1.901"	0.00387	0.1624
5 1/2" 15.5# J55	4810	4040	4.825"	0.0238	0.9997
2 3/8" by 5 1/2" Annulus				0.0183	0.7696

**PERFORATIONS:** Mancos B 2515'-2931' 22 holes 10/2/98 **open**

**EOT:** 2930'

Formation Tops:	Depth (KB)
Mesaverde	Surface
Castlegate	1530
Mancos Silt	2408
Mancos B	2720
Total Depth	3250

**HISTORY:** Well was spudded by KGH 9/18/98.  
Bradenhead has never had any pressure on it. Bradenhead was checked on 8/20/24 and the reading was 0 psi.

**PURPOSE:** Plug and abandon well bore.

Procedure:

1. Notify regulatory agencies 48 hours before commencing plug and abandonment.
2. MIRU
3. Pump water down tubing and backside to kill well if needed.
4. NDWH and NUBOPE.
5. POOH tallying tubing. RU wireline.
6. RIH with gauge ring to 2515'. POOH and pick up CIBP.
7. RIH and set CIBP at 2465'. POOH with wireline and RD.
8. Fill hole, pressure test casing, and report to agency. If casing has integrity, TIH with tubing to 2465' and place 18 sx cement on top of CIBP. All cement will be neat Class G, 15.8 ppg with a yield of 1.15 cuft/sx. If casing fails pressure test, locate hole with packer and change procedure according to agency requirements.
9. After placing cement on CIBP, record Bradenhead pressure and casing pressure, then report to agency.
10. PUH with tubing to ~1590' and place a balance plug (~13.4 sxs) from 1475'-1590' to cover Castlegate.
11. POOH with tubing laying down unneeded tubing. RU wireline and trip in hole to 291' and perf with 1 foot perf gun at 4 spf.
12. Fill annulus and casing from 181' to 291' with approximately 13 sx of Class G cement in 5.5" casing and approximately 20 sx of Class G cement in 5.5" X 8.625" annulus and 5.5" X 7.875" hole using 30% losses. A total of approximately 33 sxs will be needed. Monitor Bradenhead and casing pressures after cementing, then report to agency.
13. POOH with tubing. RU wireline and trip in hole and perforate with 1 foot perf gun at 4 spf at 105'. RD wireline and fill production casing (~12 sxs) and annulus (~18 sxs) with cement from 105' to surface. A total of approximately 30 sxs of cement will be needed.
14. Cut off wellhead 5' below ground level and fill hole and all annular spaces with cement as needed.
15. RD rig and equipment
16. Install dry hole marker/plate after waiting period.
17. Reclaim location as per regulatory agency.



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**COMPANY:** KSK OPERATING COMPANY  
**WELL:** FEDERAL 7-13  
**FIELD:** DRAGON TRAIL  
**COUNTY:** 910 BLAND  
**STATE:** MO  
**LOCATION:** 34 54  
 779 1/4 S 090 1/4 S  
**SEC 7**      **TWP 25**      **R15E 022W**  
**PERMANENT DATUM:** R.M.  
**Log Measured From:** K.R.      **Above Perm Datum:** 12'  
**Drilling Measured From:** K.R.

**Type Log:** CB, 5040  
**Run No:** 096  
**Date:** 5-25-98  
**Total Depth Driller:** 3250'  
**Present Depth Driller:**  
**Total Depth RMWS:** 3127'  
**Survey Begins:** 3151'  
**Survey Ends:** 1268'  
**Truck No:** 281  
**Location:** 895, 30'  
**Type Fluid in Hole:** WATER  
**Weight (sg):** 8.34  
**Fluid Level:** PULL  
**Max. Hole Temp:** 115 DEGS. F.

**Recorded By:** LFC/MS  
**Witnessed By:** NE, ORE

BORE HOLE RECORD				CASING RECORD			
RUN	BIT	FROM	TO	SIZE	WT	FROM	TO
				5 1/2"	8.34	3087	10

