Bass Box Elder Farms 7-44
39.810882 / -104.699144
05-001-08537

Bass Box Elder Farms 7-44 Procedure

1. Survey and locate plugged wellbore. Set a stake and record as-drilled GPS coordinates.
2. Excavate around wellbore to expose the top of the surface casing.
3. Cut existing cap off wellbore. Weld a slip collar to 8-5/8" casing and necessary length of casing to reach ground level. Weld another 8-5/8" slip collar.
4. MIRU workover rig.
5. Install wellhead and BOP. Test BOP.
6. PU and RIH with 6-1/4" tricone bit, 10 3-1/2" drill collars, and 2-3/8" PH6 workstring.
7. Drill out 1st surface cement plug and circulate hole clean.
8. Continue drilling or RIH to top of 2nd surface casing plug. Record depth of plug.
9. Pressure test surface casing to 250 psi. If surface casing fails pressure test, contact engineer and hunt holes.
10. After pressure test of surface casing, drill out 2nd surface casing plug down to casing stub (~260'). Record depth of casing. If tag is deeper than 350', contact engineer.
11. POOH and LD 6-1/4" tricone bit.
12. PU and RIH with wash pipe and 2-3/8" workstring, wash over casing stub. POOH.
13. Rig up casing crew and PU and RIH with lead seal patch with 4-1/2" 11.6# casing down to stub.
14. Latch onto casing stub and pressure test to 500 psi to ensure proper seal.
15. Rig up wireline and RIH with 4-1/2" CIBP, set CIBP at 7590'. POOH.
16. RBIH with wireline and dump bail 4 sacks of 15.8 ppg Class G neat cement on top of CIBP. POOH.
17. RBIH with perf guns on wireline, shoot holes at 3000' and 1702'. POOH.
18. PU and RIH with 4-1/2" CICR and 2-3/8" workstring, set CICR at 2950'.
19. Establish circulation through the CICR and back up the production casing.
20. RU cement crew, pressure test lines to 4,500 psi, and squeeze 15.8 ppg Class G neat cement through retainer and into perfs (65 sks).
21. Disengage from CICR and pump a balanced plug above CICR from 2950'-2850' with 15.8 ppg Class G neat cement (8 sks).
22. POOH and spot plug from 1802'-1542' with 15.8 ppg Class G neat cement (20 sks). POOH.
23. POOH to surface casing. Wait 4 hours and tag TOC. Record tag depth. If tag is deeper than 1592', contact engineer.
24. RBIH with perf gun on wireline, shoot holes at 938'. POOH.
25. PU and RIH with 4-1/2" CICR and 2-3/8" workstring, set CICR at 888'.
26. Establish circulation up the annulus and squeeze 15.8 ppg Class G neat cement through retainer and into perfs (65 sks).
27. Disengage from CICR and pump a balanced plug above CICR from 888'-788' with 15.8 ppg Class G neat cement (8 sks). POOH.
28. RBIH with perf gun on wireline, shoot holes at 400'. POOH.
29. PU and RIH with 4-1/2" CICR and 2-3/8" workstring, set CICR at 350'.
30. Establish circulation up the annulus and squeeze 15.8 ppg Class G neat cement through retainer and into perfs back up to surface (132 sks).
31. Disengage from CICR and pump a balanced plug above CICR from 350' to surface with 15.8 ppg Class G neat cement (28 sks).
32. RDMO. Top off cement after rig has moved, if necessary.
33. After surface plug has set, cut casing to 5' below ground level and weld on a plate to seal the well.
34. Inscribe the well's legal location, well name and number, and API number on the plate as shown:

692' FNL, 632' FEL, NENE Sec 7, T3S, R65W
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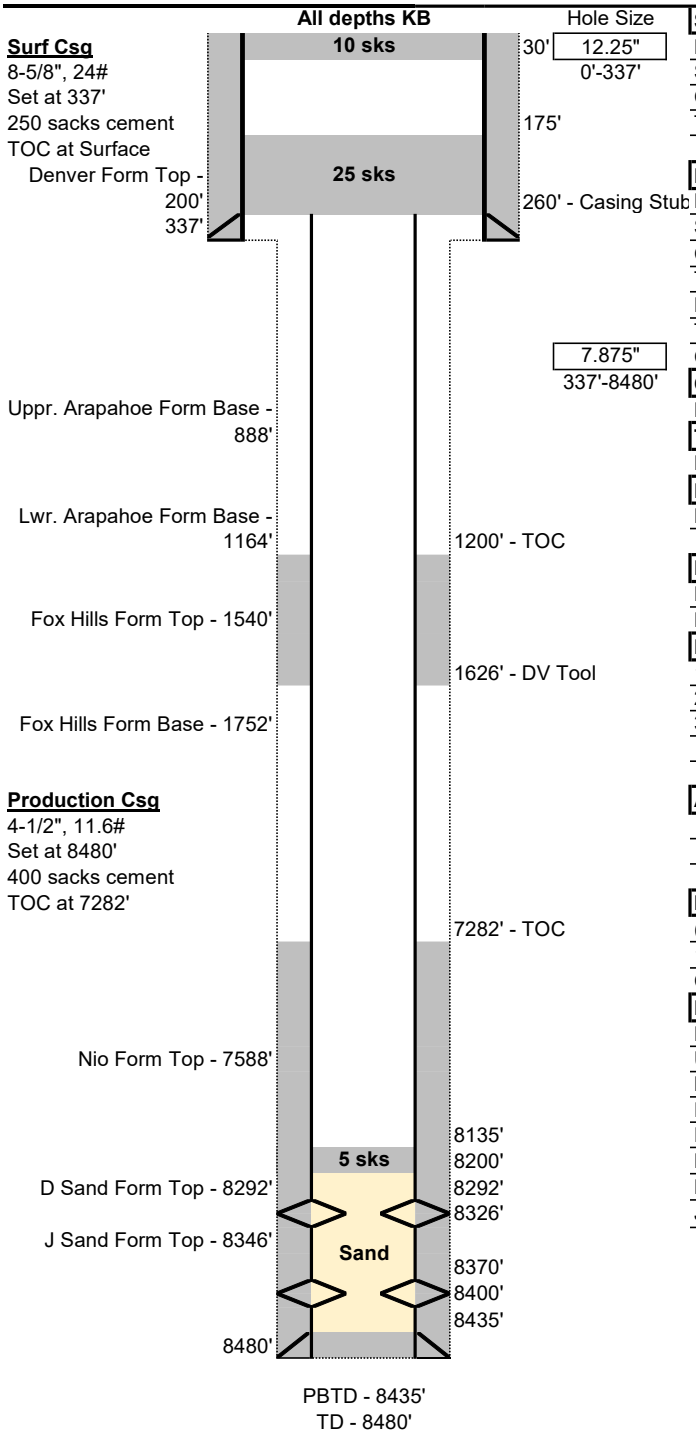
35. Photograph welded name plate and send to engineer before proceeding.
36. After confirmation from engineer is received, backfill hole and reclaim surface to original conditions.
37. Cover up the well and remediate the disturbed area.

Bass Box Elder Farms 7-44 Cement Plug Table

CEMENT PLUG TABLE										
Plug Number	**Plug Status**	**Target**	**Location**	**Plug Bottom Depth**	**Plug Top Depth**	**Cement Class**	**Yield (ft^3/sk)**	**Number of Sacks**	**Must Be Tagged?**	**Maximum Tag Depth**
1	Existing	D&J Sand	Casing	8200'	8135'	Uknown	Unknown	5	No	N/A
2	New	Niobrara	Casing	7590'	7540'	G	1.15	4	No	N/A
3.1	New	Pierre	Casing	3000'	2950'	G	1.15	4	No	N/A
3.2	New	Pierre	Annulus	3000'	2800'	G	1.15	61 (65)		
4	New	Fox Hills	Casing	2950'	2850'	G	1.15	8	No	N/A
5	New	Fox Hills	Casing	1802'	1542'	G	1.15	20	Yes	1592'
6.1	New	Upper Arap.	Casing	938'	888'	G	1.15	4	No	N/A
6.2	New	Upper Arap.	Annulus	938'	738'	G	1.15	61 (65)		
7	New	Upper Arap.	Casing	888'	788'	G	1.15	8	No	N/A
8.1	New	Fresh Water	Casing	400'	350'	G	1.15	4	Possibly	287'
8.2	New	Fresh Water	Annulus	400'	337'	G	1.15	19		
8.3	New	Fresh Water	Annulus	337'	Surface	G	1.15	109 (132)		
9	New	Fresh Water	Casing	350'	Surface	G	1.15	28	No	N/A
TOTAL NEW SKS OF CEMENT REQUIRED:								**330**		

Current Wellbore Schematic

Well Name:	Bass Box Elder Farms 7-44	Date Prepared:	10/4/2024
Location:	692' FNL, 632' FEL, NENE Sec 7, T3S, R65W	Last Updated:	2/21/2025
County:	Adams	Spud Date:	11/28/1985
API #:	05-001-08537	Completion Start Date:	12/10/1985
Co-ordinates:	39.810882 / -104.699144	Last Workover Date:	6/24/1986
Elevations:	GROUND: 5380'	Prepared by:	Jake Van Bramer
	KB: --	Updated by:	--
Depths (KB):	PBTD: 8435'		
	TD: 8480'		



Surface Casing:
- Drilled surface hole of unknown size (assumed to be 12-1/4") to 337'
- Set 8-5/8", 24# casing at 337'
- Cemented with 250 sks
- TOC at surface

Production Casing:
- Drilled 7-7/8" production hole to 8,480'
- Set 4-1/2", 11.6# casing at 8,480'
- Cemented with 400 sks
- TOC at 7,282' (CBL)
- DV Tool set at 1,626' pumped 200 sks through tool
- TOC at 1,200' (CBL)
- Casing cut at 260' and pulled to surface during original P&A

Open Hole:
- None

Tubing:
- None

Rods:
- None

Perforations:
- Perfs: 120 (4SPF) - holes from 8,370'-8,400'
- Perfs: 136 (4SPF) - holes from 8,292'-8,326'

P&A Plugs:
1. 10 sks from 30' to surface
2. 25 sks over casing stub from 175'-260'
3. 5 sks from 8135'-8200' over sand covering perfs

Additional Notes:

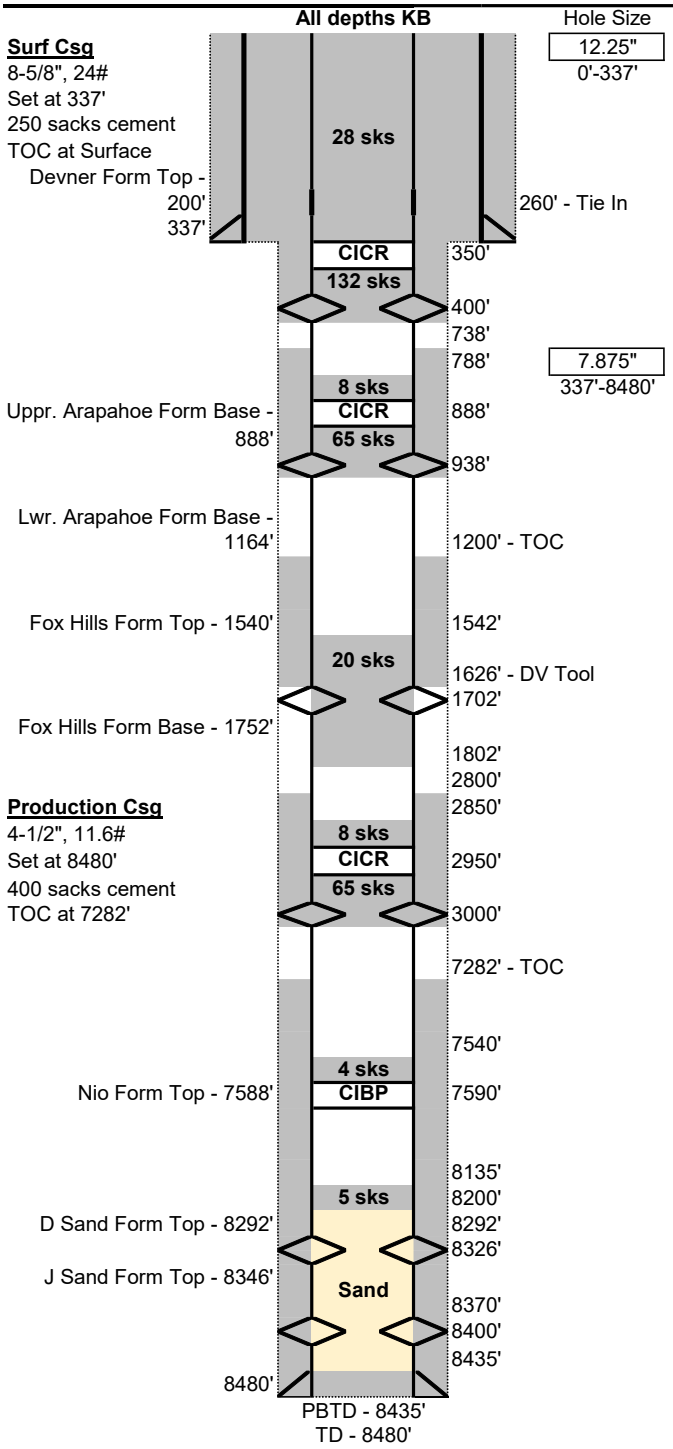
Initial Potential Test:
- (2/17/1985) 24 hour test
- 11.5 bbl oil, 28.8 mcf gas, 0 water
- Csg P: 0, Tbg P: 0

Formation Tops:

Denver	200'
Upper Arapahoe (Base)	888'
Lower Arapahoe (Base)	1164'
Fox Hills	1540'
Fox Hills (Base)	1752'
Niobrara	7588'
D Sand	8292'
J Sand	8346'

Proposed Wellbore Schematic

Well Name:	Bass Box Elder Farms 7-44	Date Prepared:	10/4/2024
Location:	692' FNL, 632' FEL, NENE Sec 7, T3S, R65W	Last Updated:	2/21/2025
County	Adams	Spud Date:	11/28/1985
API #:	05-001-08537	Completion Start Date:	12/10/1985
Co-ordinates:	39.810882 / -104.699144	Last Workover Date:	6/24/1986
Elevations:	GROUND: 5380'	Prepared by:	Jake Van Bramer
	KB: --	Updated by:	--
Depths (KB):	PBTD: 8435'		
	TD: 8480'		



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Production Casing:
- Drilled 7-7/8" production hole to 8,480'
- Set 4-1/2", 11.6# casing at 8,480'
- Cemented with 400 sks
- TOC at 7,282' (CBL)
- DV Tool set at 1,626' pumped 200 sks through tool
- TOC at 1,200' (CBL)
- Casing cut at 260' and pulled to surface during original P&A

Open Hole:
- None

Rods & Tubing:
- None

Perforations:
- Perfs: 120 (4SPF) - holes from 8,370'-8,400'
- Perfs: 136 (4SPF) - holes from 8,292'-8,326'
- Perfs will be shot at 3,000', 1,702', 938' and 400' for cement squeezes

P&A Plugs:
1. 5 sks from 8135'-8200' over sand covering perfs (existing)
2. 4 sks Class G (1.15 cuft/sk) on top of CIBP from 7,540'-7,590' (new)
3. 65 sks Class G (1.15 cuft/sk) squeezed through CICR from 2,950'-3,000' (in casing) and 2,800'-3,000' (in annulus; new)
4. 8 sks Class G (1.15 cuft/sk) on top of CICR from 2,850'-2,950' (new)
5. 20 sks Class G (1.15 cuft/sk) from 1,542'-1,802' (new)
6. 65 sks Class G (1.15 cuft/sk) squeezed through CICR from 888'-938' (in casing) and 738'-938' (in annulus; new)
7. 8 sks Class G (1.15 cuft/sk) on top of CICR from 788'-888' (new)
8. 132 sks Class G (1.15 cuft/sk) squeezed through CICR from 350'-400' (in casing) and 400' to surface (in annulus; new)
9. 28 sks Class G (1.15 cuft/sk) on top of CICR from 350' to surface (new)

Additional Notes:
- Will run 4-1/2" casing to tie in to bring original production casing back to surface
- CIBP will be set at 7,590'
- CICRs will be set at 2,950', 888' and 350'

Initial Potential Test:
- (2/17/1985) 24 hour test
- 11.5 bbl oil, 28.8 mcf gas, 0 water
- Csg P: 0, Tbg P: 0

Formation Tops:

Denver	200'
Upper Arapahoe (Base)	888'
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