

Springdale Storage Unit #5
1980' FNL and 660' FEL
SENE Sec 16 T8N R53W
Logan County, CO
API# 05-075-08176

Current Well Condition: Shut in.

Proposed Objective: Pull 3 1/2" tubing and replace with 2 3/8" tubing

Surface Casing: 8 5/8" 24# @ 510' KB w/325 sx

Production Casing: 5 1/2" 15.5# J-55 8rd @ 4965' KB w/225 sx
TOC @ 3340' (CBL 7/18/80)

Tubing: 3 1/2" J-55 8rd (4716')

Packer: Baker Model FB-1 Permanent set pkr @ 4730'

SSSV: 2 7/8" 8rd CAMCO Model TRB-8-GS-Alpha 1 @ 65'

Perforations: "D" Sand 4779' - 4780' (1') Sqzd w/150 sx, 12/14/69
"J" Sand 4865' - 4877' (12') 4/ft, 12/15/69
"J" Sand 4860' - 4870' (10') 4/ft, 12/30/99

KB Elevation: 4,170'

GL Elevation: 4,162'

PBTD: 4,928'

Procedure:

1. MIRU Schlumberger Mast Truck. Test lubricator to 1000 psi.
2. RIH w/reservoir saturation tool (RST) and log interval 4928' - 4740'.
POOH. RDMO Schlumberger.
3. Review RST to determine future "J" sand potential.

NOTE: If future "J" sand potential exists, continue as follows:

Springdale Storage Unit #5 (cont'd)

4. MIRUSU.
5. Attempt to bleed down any tbg/csg pressure, kill well if necessary.
6. ND tree and NU BOP's. Test BOP's to 2000 psi.
7. POOH, scanalog, & LD 3 1/2" tbg and stinger assembly.
8. PU mill/retrieving tool assembly, 6 drill collars, & 2 3/8" tbg. TIH tbg to $\pm 4700'$.
9. RU power swivel & circulator equipment.
10. Tag & mill up Baker Model FB-1 pkr set @ 4730'.
11. TOOH tbg, LD mill/retrieving tool assembly & pkr.
12. PU & TIH Baker Model "R" pkr dressed for 5 1/2" 15.5# J55 csg, SN, & tbg.
13. Set pkr @ $\pm 4800'$ KB.
14. ND BOP's and pack well in.
15. Note pressure. Open well to flow test. If well will not flow, tbg swab well to determine type and rate of fluid entry.
16. Report flow rates or fluid type/entry to engineering for further instruction.
17. RDMOSU.
18. Load annulus with pkr fluid containing 10 gals CI811 (pkr fluid), 3 gals SCAVR (scavenger), 6 gals CT932 (clay sta) per 80 bbls wtr. All chemicals can be purchased from Endura Products Corp - Pick Testing in Sterling CO.

NOTE: We will need to order KTH flange/slips/packing assembly to replace the existing casing head assembly. We will also need a roustabout crew to add a choke and to re-do the flowline tie-in. A meter run should also be included in the new flowline so we can measure gas rates, if possible.