STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE

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(505) 334-6178

BRADENHEAD TEST REPORT

(Submit 2 copies to above address)

Date of Test 4-12-90 Operator Amoco Prod. Co

Lease Name Hutchins LS Well No. 2 Location U 6 Sec 7 Twp 31 Range 10

Pressure (~~Shut-in~~ or Flowing) Dwt Tubing SH Intermediate ____ Casing 335 Bradenhead 95

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH.

TIME:	PRESSURES: INTERMEDIATE	CASING
5 Min.		335
10 Min.		335
15 Min.		335
20 Min.		335
25 Min.		335
30 Min.		335

	BRADENHEAD FLOWED:	INTERMEDIATE FLOWED:
Steady Flow	✓	
Surges		
Down to Nothing		
Nothing		
Gas		
Gas & Water	✓	
Water		

If Bradenhead flowed water check description below:

Clear ____

Fresh ____

Salty ____

Sulfur ____

Black ____

Remarks: Need to get water sample

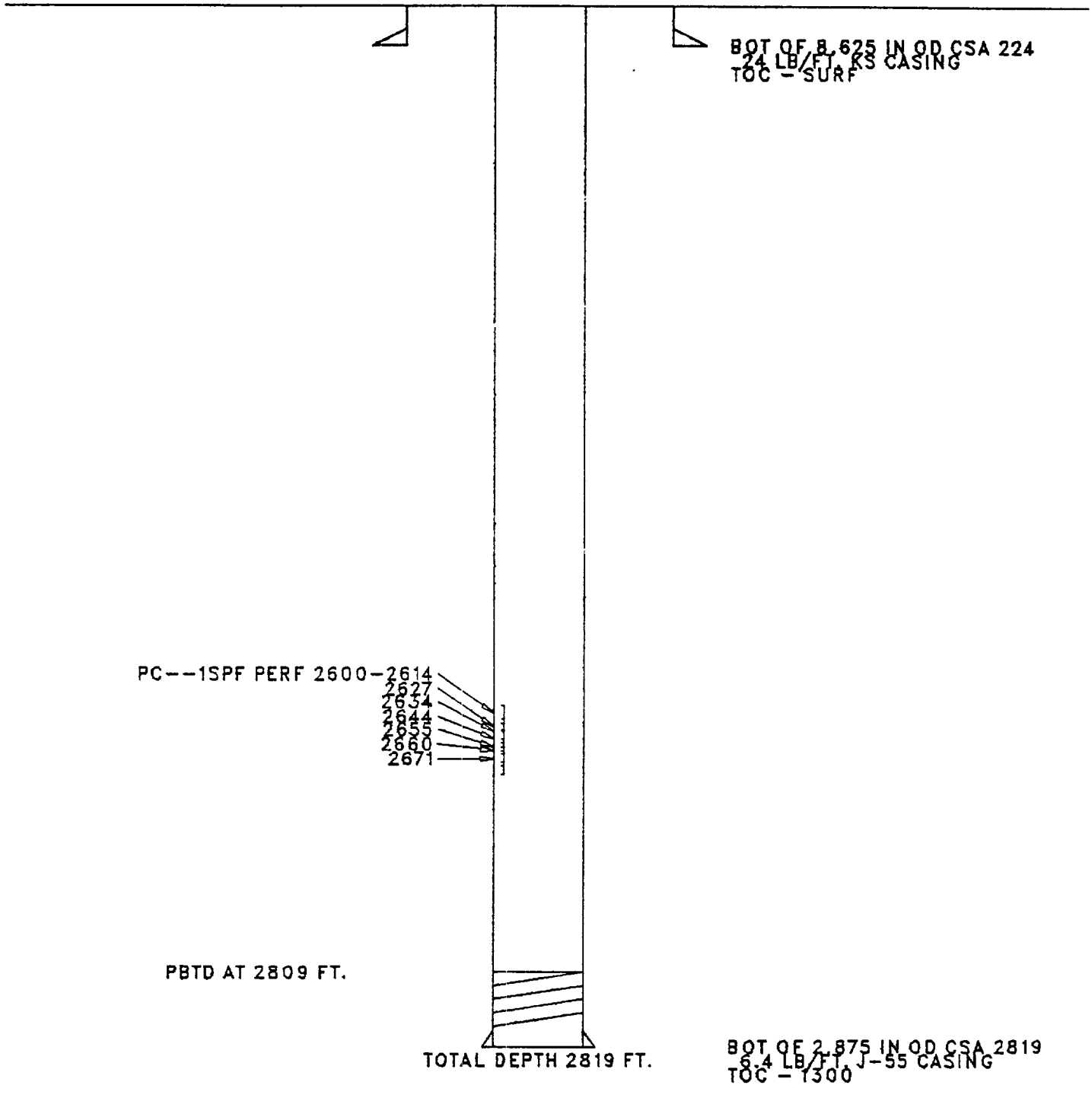
By [signature]

(Position)

[signature]
Witness

HUTCHIN LS 002 1452
Location – 7G– 31N–10W
SINGLE PC
Orig.Completion – 1/80
Last File Update – 1/89 by DDM

91954301/4



CATHODIC PROTECTION UNKNOWN

REMEDIAL CEMENT PROCEDURE
HUTCHIN LS 2

February 24, 1992

1. Record casing and BH pressures.
2. RU lubricator and run in with guage ring. Attempt to locate seating nipple above perfs.
3. Tag for fill. Clean out to PBTD (2809') if necessary. Use wireline bailer if possible and if that is unsuccessful use coiled tubing and nitrogen.
4. If seating nipple exists, set tubing plug, otherwise, set an RBP at 2500'.
5. Blow down 2 7/8" casing.
6. Pressure test casing and plug to 500 psig. If test fails, report to Denver office and do not continue with procedure.
7. Blow down bradenhead. Be prepared to handle a large volume of water.
8. MIRUSU.
9. Remove wellhead such that access to the annulus between 2 7/8" and 8 5/8" casings is possible.
10. Slack off 2 7/8" and install ~~bull plug~~ on top joint.
11. Trip in the 2 7/8", 8 5/8" annulus with open ended 1" IJ tubing (1.05" OD). A mule shoe on the bottom of a pre-perforated joint of tubing is required.
12. Trip in to 1300' (top of cement). ~~Rotate~~ and/or circulate as bridges are encountered.
13. Establish circulation to surface. Calculate annular volume with a dye.
14. Conduct a circulation squeeze by pumping 300% of annuluar volume of class B cement with 6% gel through tubing. Note returns to surface. If cement settles after shutting down, pump additional volumes to keep hole full.
15. ~~Do not~~ pull tubing. ~~Cut off 1" tubing at surface~~.
16. Reinstall original wellhead.
17. Remove bull plug and tubing plug.
18. Return well to production.

Note: Questions concerning this procedure can be directed to Paul Edwards at 8-721-5572 or Doyle Baxter, (505) 632-8387, who has conducted this type of operation several times for Great Western Drilling Co. in the same area.

Need to know volume of water flow @ bradenhead

Need control head @ surface

> Pick up on 2 7/8 to [illegible]