

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT - " for such proposals

5. Lease Designation and Serial No.
14-20-604-62

6. If Indian, Allottee or Tribe Name
Ute Mountain Tribe

7. If Unit or CA, Agreement Designation

8. Well Name and No.
Ute Indians A 7

9. API Well No.
3004511049

10. Field and Pool, or Exploratory Area
Ute Dom Paradox

11. County or Parish, State
San Juan New Mexico

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator Attention:
Amoco Production Company Lori Arnold

3. Address and Telephone No.
P.O. Box 800, Denver, Colorado 80201 (303) 830-5651

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1650 FNL 1600 FWL Sec. 2 T 31 n R 14W

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other Crmt sqz, prf, & stimulate
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

See attached procedures

If you have any questions please contact Lori Arnold at (303) 830-5651.

RECEIVED

APR 9 1993

Bureau of Land Management
Durango, Colorado

RECEIVED
APR 15 1993
OIL CON. DIV.
DIST. 3

APR 14 1993

14. I hereby certify that the foregoing is true and correct

Signed Lori Arnold Title Business Analyst Date 04-05-1993

(This space for Federal or State office use)

Approved by Robert S. Kershaw Title ACTING AREA MANAGER Date APR 14 1993
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes 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.

UTE DOME PARADOX - UTE INDIANS A 7
CEMENT SQUEEZE HERMOSA PERFORATIONS & STIMULATE

PURPOSE: The purpose of this workover is to cement squeeze the Hermosa perforations and stimulate the Ismay, Desert Creek, and Barker Creek zones.

PROCEDURE: ***** NOTE: THIS IS A SOUR GAS WELL *****

1. Check location for anchors, install if necessary. Test anchors.
2. MIRUSU. Blow well down. Install H2S equipment.
3. Kill well with 2% KCl water. BHP is approximately 1400 psi. Keep pumping 2% KCl into the well to keep from taking a gas kick.
4. Unsting seal assembly from packer. TOOH with 2-3/8" tbg., seal assembly and bottomhole equipment. Inspect tubing. Replace if necessary.
5. RIH with tbg. and bit & scraper for 5.5" 14# csg to clean out to 8225'. TOH.
6. TIH w/ RBP and pkr. Set RBP at \pm 7500'. Pull up, set pkr and test RBP. Spot sand on top of RBP. TOOH w/ pkr and tbg.
7. TIH w/ cement retainer and tbg. Set at 6200'. Sting into retainer. Establish injection rate. Squeeze below retainer with 200 sks cement + 0.8% Halad-322.
8. TOH w/ tbg. TIH w/ bit & scraper to drill out cement. Pressure test casing to 500 psi. If pressure does not hold, repeat cement squeeze in step 7 and call Denver. TOH w/ RBP.
9. Acidize and test Barker Creek interval (8056-8070', 8175-8195') as follows:
 - A. TIH w/ 2 7/8" work string and PPI tool (10 ft spacing).
 - B. Stimulate perms with 1 bbl Super ASol, 2 bbl 28% SWIC acid/packer setting. (4 bbl ASol, 8 bbl acid).
 - C. Pull tool to 8000'. Set pkr. Fish RFC valve and standing valve.
 - D. Pump 68 bbl 28% SWIC acid down the tbg at 4 bpm with 1500 scf N2/bbl acid. The total rate will be 7.3 bpm and the max WHTP = \pm 5725 psi.
 - E. Over displace by 34 bbl 2% KCl water with 1500 scf N2/bbl water. Shut-in for 20 min then flow back.
 - F. Test zone, flow back through 1/4" choke. Call Denver with results, Denver will inform how long we need to continue testing.
10. TOH with tbg and ppi tool. Redress tool. TIH with RBP, PPI tool and tbg. Set RBP at 7875'.
11. Acidize and test Desert Creek and Ismay interval (7533-7542', 7564-7572', 7690-7720', 7795-7815') as follows:
 - A. Stimulate perms with 1 bbl Super ASOL, 2 bbl 28% SWIC acid/packer setting. (7 bbl ASOL, 14 bbl acid)
 - B. Pull tool to 7500'. Set pkr. Fish RFC valve and standing valve.
 - C. Pump 134 bbl 28% SWIC acid down the tbg at 4 bpm with 1500 scf N2/bbl acid. The total rate will be 7.3 bpm and the max WHTP = \pm 5725 psi.
 - D. Over displace by 67 bbl 2% KCl water with 1500 scf N2/bbl water. Shut-in for 20 min then flow back.

- E. Test zone, flow back through 1/4" choke. Call Denver with results, Denver will inform how long we need to continue testing.
12. TOH w/ packer, RBP and tbg. TIH w. 2 3/8" tbg (hydrotest going in) to ±7975' .
13. Swab well around and test.

Fluid Composition per 1000 gallons 28% SWIC:

SWIC Additive #2	10	gallons	(sour well cracking inhibitor)
SGA-1	20	gallons	(foamer)
Losurf-300	2	gallons	(surfactant)
HAI-85M	4	gallons	(corrosion inhibitor)

***** Fax a copy of daily reports to Jesse Maestas. If major problems are encountered call Jesse at x4304 or (303) 455-5845 (home).

ENGINEERING CHART

Appn _____

SUBJECT Ute Indians A7
Current Well Bore Diagram

Date 31 March 93

By LM

KB 6008'

13 7/8" 36# ARMCO S3
CSA 333' X 355 SKLMT

8 5/8" 32# H-40 CSA 3786'
X 270 SKLMT

Whipstock @ 4025'

Perts: Zopf
6473-96
6832-46
7076-90
7533-42
7564-72
7690-7720
7795-7815
7820-56
7906-14
8056-70
8175-95

Packer set at 6437'

2 7/8" 4.7# J-55
@ 8110'

PBTD @ 225'
TD 8270'

5 1/2" 14# J-55
CSA 8270' X 150 SKLMT

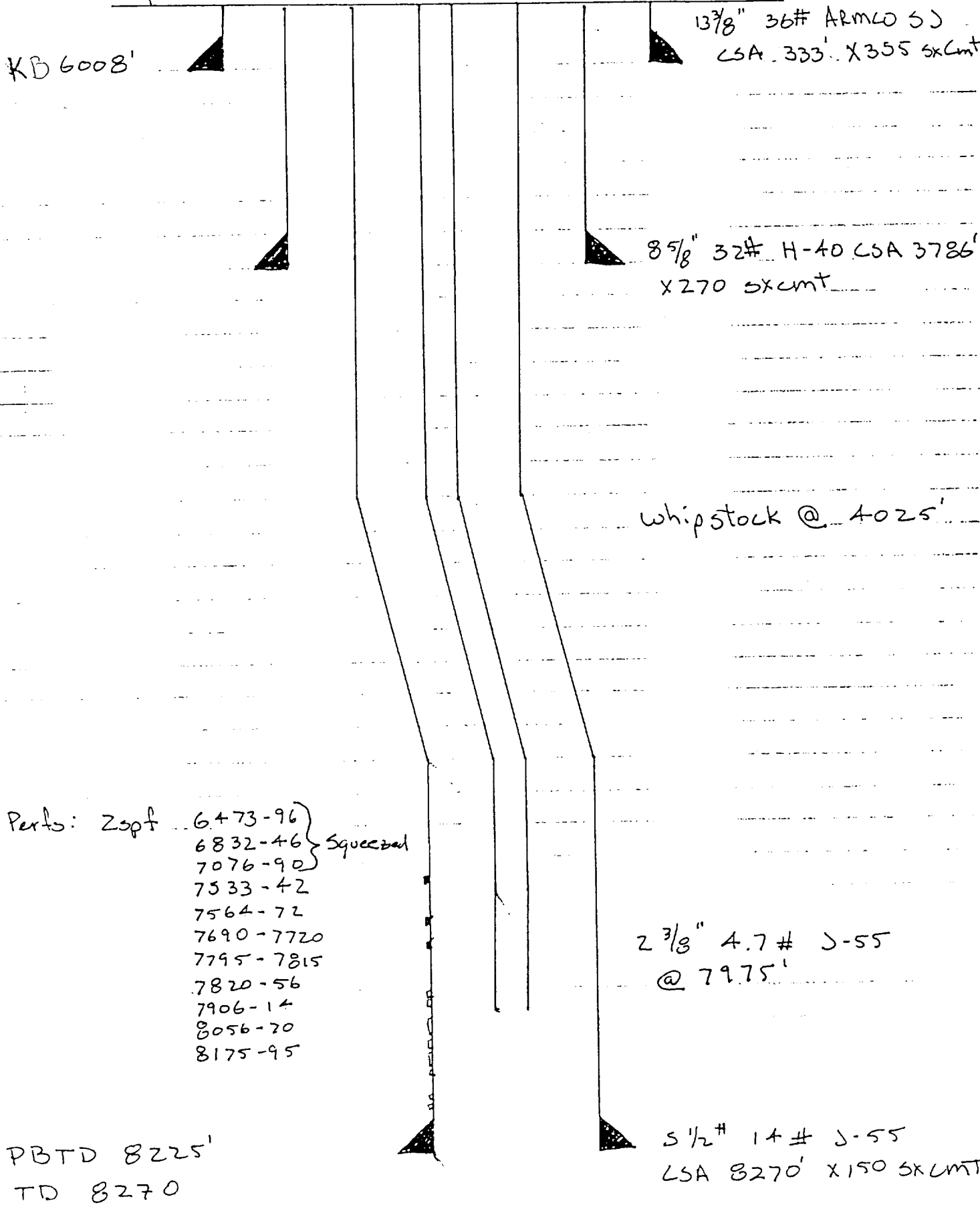
ENGINEERING CHART

Appn _____

SUBJECT Ute Indians A 7
Proposed Wellbore diagram

Date 31 March 93

By JLM



Amoco Production Company
14-20-604-62
7 A Well
SE NW Sec. 2, T. 31 N., R. 14 W.
San Juan County, NM

Conditions of Approval

1. Notify this office at least 12 hours prior to commencing operations.
2. All hydrogen sulfide safety/monitoring equipment will be in compliance with Onshore Order No. 6, Part III.C.