

P&A PROCEDURE

WELL NAME: Seven Rivers Queen Waterflood, North #012
API NUMBER: 30-025-28925
COORDINATES: 1305' FSL & 2635' FEL Unit O
SEC/TWN/RNG: 4 - 22S - 36E
COUNTY/STATE: Lea, NM

OPERATOR: Chevron
FIELD: South Eunice
DATE: 8/3/01
BY: DCD

Provide 24 hr Notification to NMOCD of Pending Operations

Determine if this WIW must be back-flowed prior to rigging up.

1. MIPU. Hold pre-job safety mtg and RU. Check 51/2" csg and 85/8" x 51/2" annulus for pressure.
2. Install BOP, rel pkr & POH LD tbg. **Install thread protectors on IPC.** Remove BOP, close well in and RD&RPU.
3. MI Benterra equip. Hold pre-job safety mtg and spot equipment. Re-check casings for pressure.
4. ND WH equip and install well control equip.
5. Check TD using GR on SL. Record FL and displace wellbore fluids with freshwater.
6. Insert & push 5 1/2" wiper plug (cored to allow fluid bypass) to 3750' = 32' above top perf.
7. Surface pour 14 cu ft of ZONITE to establish 100' btm plug from 3650 - 3750". Set plug in stages, check w/ SL to assure bridges are not occurring and required plug height is achieved. Pour at rate that minimizes potential to bridge. After setting plug, add water as necessary to assure hydration of plug. ← **INHIBITED H₂O/O₂ SCAVENGER 50ppm CONCENTRATION.**
- 7a. **Add PLUG @ BASE OF SALT (WIPER PLUG @ 3040.') 100' PLUG**
1580
8. Push cored 51/2" wiper plug to **1580** w/ SL. Set 100' (14 cu ft) ZONITE plug using precautions in Step 7 from **1580 - 1660'**, across top of salt. Add water if necessary to hydrate plug. -
- 8a. **Add 1480-1580 - WIPER PLUG**
9. Push cored 51/2" wiper plug to 530' w/ SL. Set 100' (14 cu ft) ZONITE plug from 430 - 530' across across 85/8" surface csg shoe, use precautions as in Step 7.
10. Push cored 51/2" wiper plug to 30' w/ SL. Fill casing w/ ZONITE (4 cu ft) Add water to hydrate.
11. Remove well control equip, secure WH and RD equip.
- 11a. **BELOW ITEMS TO BE DONE @ END OF PILOT - MONITOR CASING PRESS. MONTHLY FOR 6 MOS. BEFORE DOING STEPS 12-15.**
12. Allow 48 hours for ZONITE to hydrate, remove WH, cut off casing & below GL and cap wellbore. **late @ end of pilot. (keep)** → **TO BE DONE**
13. Install dry hole marker stamped w/ required well identification, 4" OD x 4' above the GL.
14. Remove all equip and cut deadmen below GL.
15. Turn over to Chevron for any surface remediation work.

Estimated ZONITE Requirements:

46 ft³

TAG bottom plug ALL PLUGS → AND REPORT DEPTH FOR SURVEY. C103.

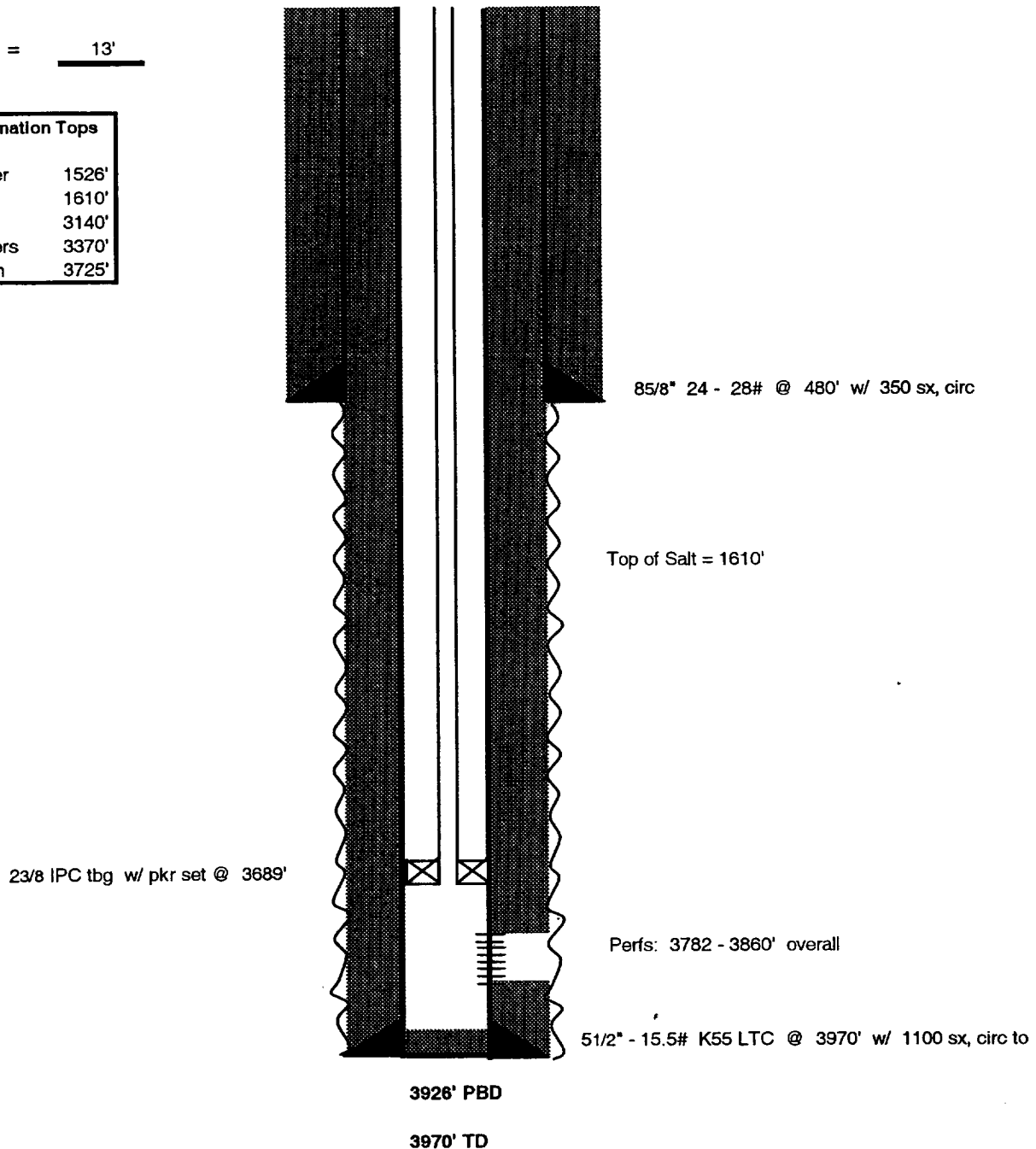
**WELL PLANNING SHEET
EXISTING CONFIGURATION**

WELL NAME: Seven Rivers Queen Waterflood, North #012
API NUMBER: 30-025-28925
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SEC/TWN/RNG: 4 - 22S - 36E
COUNTY/STATE: Lea, NM
DRILLED: 1984

OPERATOR: Chevron
FIELD: South Eunice
DATE: August 2, 2001
BY: DCD

RKB = 13'

| Formation Tops | |
|----------------|-------|
| Rustler | 1526' |
| Salt | 1610' |
| Yates | 3140' |
| 7 Rivers | 3370' |
| Queen | 3725' |



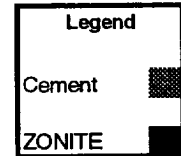
WELL PLANNING SHEET
Proposed P&A

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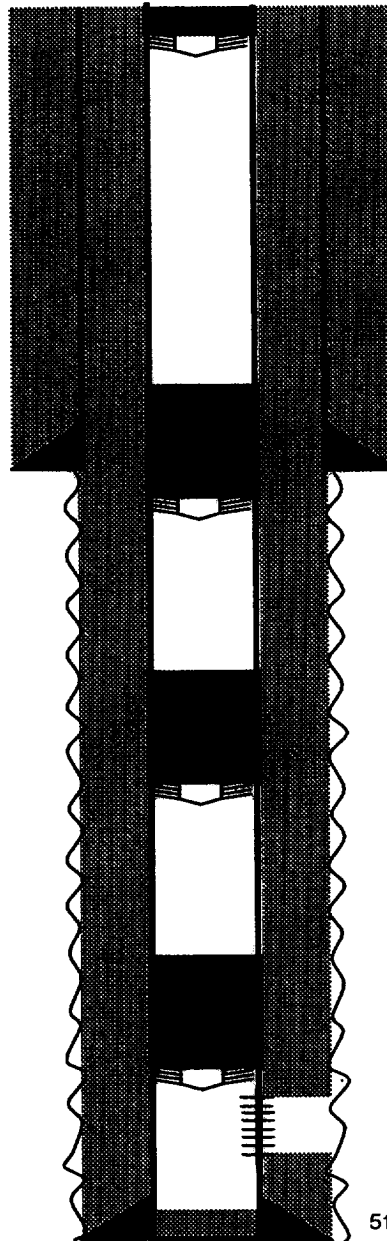
OPERATOR: Chevron
FIELD: South Eunice
DATE: August 3, 2001
BY: DCD

RKB = 13'

| Formation Tops | |
|----------------|-------|
| Rustler | 1526' |
| Salt | 1610' |
| Yates | 3140' |
| 7 Rivers | 3370' |
| Queen | 3725' |



| ZONITE Plugs | |
|--------------|--|
| 3 - 30' | |
| 430 - 530' | |
| 1560 - 1660' | |
| 3650 - 3750' | |



85/8" 24 - 28# @ 480' w/ 350 sx, circ

Top of Salt = 1610'

BASE OF SALT 3040' - WIPER PLUG.

Perfs: 3782 - 3860' overall

51/2" - 15.5# K55 LTC @ 3970' w/ 1100 sx, circ to.

3926' PBD

3970' TD