

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OIL CONS. COMMISSION
Traver DD
Artesia, NM 88210

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

SUBMIT IN TRIPLICATE

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. NMLC 028990B
2. Name of Operator YATES PETROLEUM CORPORATION (505) 748-1471	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. 105 South 4th St., Artesia, NM 88210	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1650' FNL & 2310' FWL (Unit F, SENW) of Section 25-T18S-R30E	8. Well Name and No. Creek AL #8
	9. API Well No. 30-015-20289
	10. Field and Pool, or Exploratory Area Shugart Yates Seven Rivers Queen
	11. County or Parish, State Eddy Co., NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>Correct Sundry Notice</u>	<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.)*

Sundry notice dated August 25, 1993, and approved by Joe Lara with the BLM on September 16, 1993, showed procedure to convert well to an injection well. Procedure should have stated convert well to a producing well. Please see attached procedure.

14. I hereby certify that the foregoing is true and correct		
Signed <u>Justin K. Lema</u>	Title <u>Production Clerk</u>	Date <u>Oct. 12, 1993</u>
(This space for Federal or State office use)		
Approved by <u>(ORIG. SGD.) JOE G. LARA</u>	Title <u>Petroleum Engineer</u>	Date <u>11/5/93</u>
Conditions of approval, if any:		

Yapi: 30-015^v-2-289
NMCC 0289906

Creek AL #8
F 25-18S-30E
1650' FNL & 2310' FWL

Prognosis

Yates Petroleum Corporation is converting the Creek AL #8 to a producing well as part of the Creek AL Federal Shugart Waterflood Project as per the NMOC Order No. R-9896.

The Creek AL #8 has 5-1/2" 14# casing set @ 3416' with 4-3/4" open hole from 3416' to 3705'.

YPC proposes to:

1. Set RBP @ +3400'.
2. Squeeze Penrose perforations (3305-3378).
3. Drill out cement and clean out hole to 3705'.
4. Underream 4-3/4" hole to 6-3/4" hole from 3416' to 3705' using Smith International Minidome Bear Cub PDC cutter underreamer.
NOTE Neil Bracksieck - Smith International (see attached information concerning case histories of Grayburg underreamed work)
5. Run caliper after underreaming the well.
6. Run 4-1/2" 11.6# J-55 flush joint liner.
Cement to top of liner with Microbond Cement as per the attached recommendation.
Recommend reciprocating pipe while cementing.
Set top of liner @ +3200'.
7. Drill out cement and clean hole to 3705'.
8. Test top of liner.
If the liner does not test, squeeze top of liner with micro-matrix cement.
9. Run CBL from bottom of liner to top of cement in 5-1/2" string.

Prepare to perforate, acidize and frac Middle Grayburg

10. TIH with 3-3/8" casing guns with deepest penetration.
Perforate Middle Grayburg with 7 - 0.40" holes as follows.

3587, 3588, 3589
3658, 3661
3679, 3685
11. Run 3200' 2-7/8" tubing and 505' 2-3/8" tubing.
12. Set RBP @ +3700'. Spot 2 bbl 15 % HCl.
Set packer @ +3630'.
Acidize perfs (3658-3685) w/2200 gal 15 % HCl acid and 10 ball sealers
@ 3-5 BPM down 2-7/8" tubing.
NOTE: 15 % HCl should contain per 1000 gallons:
1 gal I-17A corrosion inhibitor
2 gal NINE-40 surfactant
2 gal LT-32 penetrating surfactant
5 gal citric acid liquid, iron control
13. Set RBP @ +3630'. Spot 2 bbl 15 % HCl.
Set packer @ +3550'.
Acidize perfs (3587-3589) w/1200 gal 15 % HCl acid and 10 ball sealers
@ 3-5 BPM down 2-7/8" tubing.
14. Set RBP @ +3700'. Set packer @ +3550'.
Swab back load and test.
15. Frac Middle Grayburg perfs (3587-3685) as per attached schedule.
16. After frac, within 30 sec after flush, flow back the well @ 1/4 - 1/2 BPM for 30 minutes. Open the well up and flow back @ 1-2 BPM until flow drops off.
Swab load back.

Prepare to perforate, acidize and frac Penrose.

17. TIH w/3-3/8" casing guns with deepest penetration.
Perforate Penrose with 7 - 0.40" holes as follows.

3307, 3309
3322, 3323
3372, 3374, 3376
18. Run 3200' 2-7/8" tubing and 200' 2-3/8" tubing.
19. RIH with another RBP and packer.
Set RBP @ +3400'. Spot 2 bbls 15 % HCl.
Set packer @ +3350'.
Acidize perfs (3372-3376) w/1200 gal 15 % HCl and 10 ball sealers
@ 3-5 BPM down 2-7/8" tubing.
20. Set RBP @ +3350'. Spot 2 bbl 15 % HCl.
Set packer @ +3270'.
Acidize perfs (3307-3323) w/2000 gal 15 % HCl and 10 ball sealers
@ 3-5 BPM down 2-7/8" tubing.
21. Set RBP @ +3400'. Set packer @ +3270'.
Swab back load and test.
22. Frac Penrose perfs (3307-3376) as per the attached schedule.
23. After frac, within 30 sec after flush, flow back the well 1/4 - 1/2 BPM for 30 minutes. Open well up and flow back 1 - 2 BPM until flow drops off.
Swab load back.
24. RIH with Baker downhole flow regulators, side pocket mandrels and packers designed for this well.