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Form 3160-5
June 1990)

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

SUBMIT IN TRIPLICATE

JAN 12 1994

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. NM 9813
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) Unit D, 660' FNL, 990' FWL, Section 1-T6S-R25E	8. Well Name and No. South Alkali LK Federal #5
	9. API Well No. 30-005-62995
	10. Field and Pool, or Exploratory Area Pecos Slope Abo
	11. County or Parish, State Chaves County, NM

2. 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 checked="" 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 <u>Production Casing</u>
	<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.)

3. 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.)*

TD 4300'. Reached TD 12-28-93. RAN 96 joints 4-1/2" 10.5# J-55 casing set 4300'. Float shoe set 4300', float collar set 4255'. Cemented w/400 sx Super "C" + 5% Salt + 3% CF-2 + 5#/sx Hiseal (yield 1.73, wt 12.6). PD 4:03 PM 12-29-93. Bumped plug to 1250 psi for 1 minute, float and casing held OK. WOC 18 hours.
12-31-93. RUPU. TIH with bit, scraper and 2-3/8" tubing 4250'. Displaced hole with 2% KCL water. TOH with 2-3/8" tubing, scraper and bit. TIH with 1" tubing into 4-1/2" x 9-5/8" annulus to 1600'. Cemented w/300 sx PSL. Circulated cement to surface. TOOH with 1" tubing. Perforated Abo 3958-3978' w/21 - .42" holes (1 SPF). Acidized perforations 3958-3978' with 1500 gals 7 1/2% NEFE acid. Frac'd Abo perforations 3958-3978' with 90000 gals 30# linear gel and 180000#-20/40 Brady sand.

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

Signed Quantas Sudduth Title Production Supervisor Date 1-6-94

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any: