

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Form Approved
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KUKUI Operating Company /

3a. Address

**203 W. Wall Street, Suite 810
Midland, TX 79701**

3b. Phone No. (include area code)

915-687-6200

4. Location of Well (footage, Sec., T., R., M., or Survey Description)

860' FSL & 1980' FEL, Sec 31 - T19S - R21E

5. Lease Serial No.

NM 105538

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

Sargent Canyon "31" Federal #1

9. API Well No.

30-0153182600

10. Field and Pool, or Exploratory Area

Wildcat - SSW Hope, NM

11. County or Parish, State

Eddy, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Completion Procedures
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BLA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3460-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Attached are completion procedures for the Atoka.



14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Larry K. Strider

Title **Western District Manager**

Signature

L K Strider

Date

10/12/01

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

9/26/2001

KUKUI OPERATING COMPANY

SARGENT CANYON 31 FEDERAL #1 (NM - 105538)
SEC. 31 - T 19S - R21E , EDDY COUNTY, NM

COMPLETION PROCEDURES - ATOKA SANDS

- 1.) MIRU Key Energy rig (Artesia). Spot pipe racks.
Deliver 7,200' of 2 7/8", 6.5 lbs./ft, J-55, EUE tbg. (new) from Tarpon Pipe in Midland. Call Randy Crook @ 915 - 683 - 8777 for tubing.

Call ABB Vetco Gray (Marvin in Odessa 915-580-6602) for tubing head installation. Have tbg. head & 2 9/16" x 5M tree delivered at same time. ABB will make final csg. cut and head installation.

- 2.) Nipple up 7 1/16" 5M BOPs. PU 4 3/4" tooth bit, scraper for 5 1/2", 17.0 lbs/ft csg., & 2 7/8" tbg. GIH to ~ 7,300' PBTD. Tally tbg. string. MIRU pump/vacuum transport & circulate hole with clean 2% KCL water. Circulate out a minimum of 160 bbls. POH & stand tbg. string. Release rental bit & scraper.

- 3.) Schedule COMPUTALOG Hobbs District for wireline work (505-392-7770). MIRU COMPUTALOG wireline truck. Run CBL/CCL/GR log from PBTD (~ 7,300') to 200' above TOC (est. TOC @ 5,800'). POOH with tools.

Evaluate CBL to ensure TOC is 500 ft. above top perms. ie. 6,463'

GIH w/ 4" expendable carrier guns (.43" dia. Holes) and perforate Atoka.

7,137' - 7,140'	4 spf	Dens./Neutron log depths
7,091' - 7,094'	4 spf	
6,993' - 6,998'	4 spf	
6,963' - 6,968'	4 spf	

RDMO wireline equipment.

- 4.) GIH with 5 1/2" , 17.0 lbs./ft. Baker Retrievmatic Pkr. & 2 7/8" tbg.

Set packer @ ~ 6,930' w/ 20,000 lbs. compression or as instructed by tool operator. Test pkr. to 2,000 psi.

ND BOPE. NU 2 9/16" x 5M tree. RU flowline to pit.

- 5.) MIRU Schlumberger acid equipment. Swab / flow tbg. dry. Perform breakdown acid job as per recommendation. Max. WHP of 5,000 psi. Place 1,000 psi on annulus prior to treatment and monitor during job.

- 6.) Flow back treatment to pit. Evaluate results and prepare for frac if required.

Page 2

- 7.) Load tbg. with treated KCL water to kill well. ND tree. NU BOPs. POH & LD Retrievalmatic pkr.

GIH with 5 1/2", 17 lbs/ft. production packer set @ ~ 6,930'.
Load annulus with 2% treated KCL water. Test packer to 2,000 psi.
ND BOPs & NU 2 9/16" 5M tree. RU flowlines to pit.

RDMO workover rig. Spot and load frac tanks.

- 8.) MIRU Schlumberger frac equipment. Install wellhead isolation tool.
Test all surface equipment to 7,000 psi. Conduct safety meeting.

Frac Atoka sands with 70 quality N2 foam and 45,000 lbs. 20/40 sand
pumped down 2 7/8" tbg. @ ~12 bpm. Maintain 2,000 psi annulus
pressure. Do not exceed 6,500 psi max. WHP.

Record ISIP, 5, 10, & 15 min. SIPs.

- 9.) Initiate flowback as instructed based on fluid break test. Flow well to
reserve pit until all load is recovered. Install test separator and conduct
4 point test as required by OCD.