

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

5. Lease Serial No.
NOO C 1A-2-2713
6. If Indian, Allottee or Tribe Name
NAVAJO ALLOTTED
7. Unit or CA/Agreement, Name and/or No.
EAGLE MESA UNIT
8. Well Name and No.
EAGLES MESA UNIT #2
9. API Well No.
30-043-20181
10. Field and Pool, or Exploratory Area
EAGLE MESA ENTRADA
11. County or Parish, State
SANDOVAL, NEW MEXICO

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
SYNERGY OPERATING, LLC

3a. Address
P.O. BOX 5513 FARMINGTON, NM 87499
3b. Phone No. (include area code)
(505) 325-5449

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
430' FNL, 330' FWL (UNIT 1/4-1/4:d)
SECTION 13, T-19N, R-4W

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 type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" 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/BIA. 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 3160-4 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.)

SYNERGY OPERATING PLUGGED AND ABANDONED THE ABOVE WELL AS PER PROCEDURES APPROVED ON 11-28-00.

SEE ATTACHED REPORT FOR DETAINED INFORMATION.

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

Nathan Crawford

Title P&A Supervisor

Signature

Nathan Crawford for Glen Papp

Date 2-28-01

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

ACCEPTED FOR RECORD

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

AR 0-2001

NMOCD



Key Energy Services, Inc.

Four Corners Division
5651 US Highway 64
P.O. Box 900
Farmington, NM 87499

**P&A OPERATION
CEMENT SERVICE REPORT**

Phone: 505-327-4935
Fax: 505-327-4962

WELL NAME: EAGLES MESA UNIT #2

TOTAL PLUGS SET: 7

DATE STARTED: 02-14-01

TOTAL SACKS USED: 393 SX

DATE COMPLETED: 02-27-01

BLM WITNESS: L. PIXLEY
OPERATOR WITNESS: N/A

MOL AND RU RIG, CABLE SPOOLERS AND PLUGGING EQUIPMENT. POH AND LD 99 JTS 3 1/2" TBG AND SUBMERSIBLE PUMP. PU 5 1/2" RETAINER AND RIH TO 4778' AND TAGGED. **BLM PROCEDURES DIFFERENT FROM COMPANIES.** WAIT ON ORDERS. POH AND LD 5 1/2" RETAINER. PU 4 1/2" RETAINER AND SET AT 5462'.

PLUG #1 (ENTRADA, 5340' - 5838');

CIRCULATED CASING AND PRESSURE TESTED CASING TO 500 PSI AND HELD GOOD FOR 10 MINUTES. ESTABLISHED INJECTION RATE UNDER RETAINER AT 3 BPM WITH 750 PSI. MIXED 60 SX CL. B CEMENT PLUG, PLACING 50 SX BELOW AND 10 SX ABOVE RETAINER, SQUEEZING TO 1500 PSI. PUH TO 4840'.

PLUG #2 (LINER TOP, 4728' - 4840');

BALANCED 31 SX CL. B CEMENT PLUG INSIDE CASING. PUH TO 4318'.

PLUG #3 (DAKOTA, 4210' - 4317');

BALANCED 30 SX CL. B CEMENT PLUG INSIDE CASING. POH.

PLUG #4 (GALLUP, 2781' - 3070');

RIH WITH WIRELINE AND PERFORATED SQUEEZE HOLES AT 3070'. POH. PU AND RIH WITH 7" RETAINER AND SET AT 3045'. ESTABLISHED INJECTION RATE INTO PERFORATIONS AT 0 BPM WITH 1750 PSI AND STEADY LEAK OFF. MIXED 56 SX CL. B CEMENT PLUG, PLACING 6 SX BELOW AND 50 SX ABOVE RETAINER, SQUEEZING TO 1750 PSI. PUH TO 2249'.

PLUG #5 (MV/PT LOOKOUT, 2100' - 2249');

BALANCED 38 SX CL. B CEMENT PLUG INSIDE CASING. PUH TO 814'.

PLUG #6 (LAVENTANA, 620' - 820');

BALANCED 38 SX CL. B CEMENT PLUG INSIDE CASING. POH.

PLUG #7 (SHOE, SURFACE, 0' - 280');

RIH WITH WIRELINE AND PERFORATED SQUEEZE HOLES AT 280'. ATTEMPT TO CIRCULATE TO SURFACE WITH WATER OUT THE BRADON HEAD BUT INJECTED AT 3 BPM WITH 750 PSI. BLEED OFF AND LET FLOW STOP. ATTEMPT TO REVERSE CIRCULATE BUT CASING FAILED AT SURFACE AT 400 PSI. **BLM APPROVED CHANGE IN PROCEDURE.** RIH WITH WIRELINE AND PERFORATED SQUEEZE HOLES AT 220'. CIRCULATED HOLE WITH WATER OUT THE BRADON HEAD. MIXED 140 SX CL. B CEMENT TO CIRCULATE GOOD CEMENT TO SURFACE. WASH OUT BOP AND SHUT IN, WOC.

RD FLOOR AND DUG CELLAR. CUT OFF WELLHEAD, CEMENT AT SURFACE. INSTALLED DRY HOLE MARKER. RD RIG AND MOL.


NATHAN E. CRAWFORD.
P&A SUPERVISOR