

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137

Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM - 103604

1a. Type of Well ☐ OilWell ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☐ New W ☒ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator KUKUI Operating Company

8. Lease Name and Well No.

Goodnight 35 Federal # 1

3. Address 601 Vestavia Pkwy., St. 240 Vestavia, Alabama 35216

3a. Phone No. (include area code)
(205) 823 - 2977

9. API Well No. 30 - 015 - 31096

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At Surface 2,180' FWL & 660' FSL Sec. 35 - T23S - R29E

10. Field and Pool, or Exploratory

Undesignated Cedar Canyon - Bone Spring

At top prod. interval reported below

11. Sec., T., R., M., on Block and

Survey or Area Sec. 35 - 23S - 29E

At total depth

12. County or Parish 13. State

Eddy New Mexico

14. Date Spudded 4 / 28 / 2000 15. Date T.D. Reached 6 / 9 / 2000 16. Date Completed 11/27/2000
D & A ☒ Ready to Prod. 17. Elevations (DF, RKB, RT, GL)* 3,100' GL

18. Total Depth: MD 11,593' DPM 19. Plug Back TD: MD 9,916' 20. Depth Bridge Plug Set: MD 10,316'
TVD TVD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 22. Was well cored? ☒ No ☐ Yes (Submit analysis)
IL & NGRL (Delaware) DLL - MSFL - GR & CNL - LDT - GR (Bone Spring) Was DST run? ☐ No ☒ Yes (Submit report)
SD - NL (Wolfcamp) CBL Directional Survey? ☒ No ☐ Yes (Submit Copy)

23. Casing and Liner Record (Report all strings in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Tool Depth	Stage Cement	No. of Sks. & Type of Cement	Slurry (Bbls.)	Cement Top*	Amount Pulled
17 1/2"	13 3/8" J-55	54.50	surface	581'			470 sks. Class C	147	surface	
12 1/4"	9 5/8" K - 55	36.0	surface	3,150'			1,000 sks. Class C	354	surface	
8 3/4"	7" P - 110	26.0	surface	10,609'	7,197'		1,015 sks. Class H	242	5,350' (CBL)	
6 1/8"	4 1/2" P - 110	13.5	10,512'	11,571'			150 sks. Class H	25	10,512'	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (M)
2 7/8"	7,943'	Model M @ 7,941'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Wolfcamp	11,414' (CBL)	11,464' (CBL)	11,439' - 11,464' 2 spf	.28 "	50	Schlumberger - 8 / 10 / 2000
B) Bone Spring	7,966' (D/N)	8,242' (D/N)	7,966' - 8,242' 4 zones	.42"	128	Schlumberger - 11 / 16 / 2000
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
10,512' - 10,609' +	Squeeze liner top with 50 sks. Class H (9 bbls.) Note: Volume included in section 23.
7,966' - 8,242' (gross int.)	Frac Bone Spring in 2 stages with 50,000 gals. WF 130 fluid and 1,389 sks. 20/40 Ottawa sand. 11/17/00

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBLs.	Gas MCF	Water BBLs.	Oil Gravity Corr. API	Gas Gravity	Production Method
8/11/2000	8 / 12 / 2000	4	24 Hr. Rate	10	281	0.4	58.5	0.665	Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	Rate	Oil BBLs.	Gas MCF	Water BBLs.	Gas / Oil Ratio	Well Status	
variable ~ 10/64	SI	7,100	3,700	60	1,686	2.4	28.15		Flowing to sales

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBLs.	Gas MCF	Water BBLs.	Oil Gravity Corr. API	Gas Gravity	Production Method
2/01/01	2/24/01	24	24 Hr. Rate	45	96	320	41.6		Pumping / Flare gas
Choke Size	Tbg. Press. Flwg.	Csg. Press.	Rate	Oil BBLs.	Gas MCF	Water BBLs.	Gas / Oil Ratio	Well Status	
open	SI	0	150	45	96	320	2.13		Installed pumping unit / Testing

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28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBLS.	Gas MCF	Water BBLS.	Oil Gravity Corr. API	Gas Gravity	Production Method																		
<table border="1"> <thead> <tr> <th>Choke Size</th> <th>Tbg. Press. Flwg.</th> <th>Csg. Press.</th> <th>24 Hr. Rate</th> <th>Oil BBLS.</th> <th>Gas MCF</th> <th>Water BBLS.</th> <th>Gas / Oil Ratio</th> <th>Well Status</th> </tr> </thead> <tbody> <tr> <td>SI</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>										Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBLS.	Gas MCF	Water BBLS.	Gas / Oil Ratio	Well Status	SI								
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SI																											

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBLS.	Gas MCF	Water BBLS.	Oil Gravity Corr. API	Gas Gravity	Production Method																		
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29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Vented

30. Summary of Porous Zones (Include Aquifers) :

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool opened, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
Delaware	5,714'	5,900'	Oil, Gas, and Water	Lamar	3,190'
	6,390'	6,790'		Delaware	3,250'
Bone Spring	7,960'	8,280'	Oil, Gas, and Water	Bone Spring	6,918'
	8,970'	9,074'		Wolfcamp	10,498'
Wolfcamp	11,414'	11,464'	Oil, Gas, and Water		

32. Additional remarks (include plugging procedure):

Like reports, logs, and attachments sent to NMOCD District 2 office.

Presently testing well in Bone Spring formation. Will evaluate results and size compressor for gas sales.

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33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd) 2. Geologic Report 3. DST Report 4. Directional Survey
5. Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other revised wellbore schematic

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)

Name (please print) Larry K. Strider Title District Operations Manager

Signature

Larry K. Strider

Date

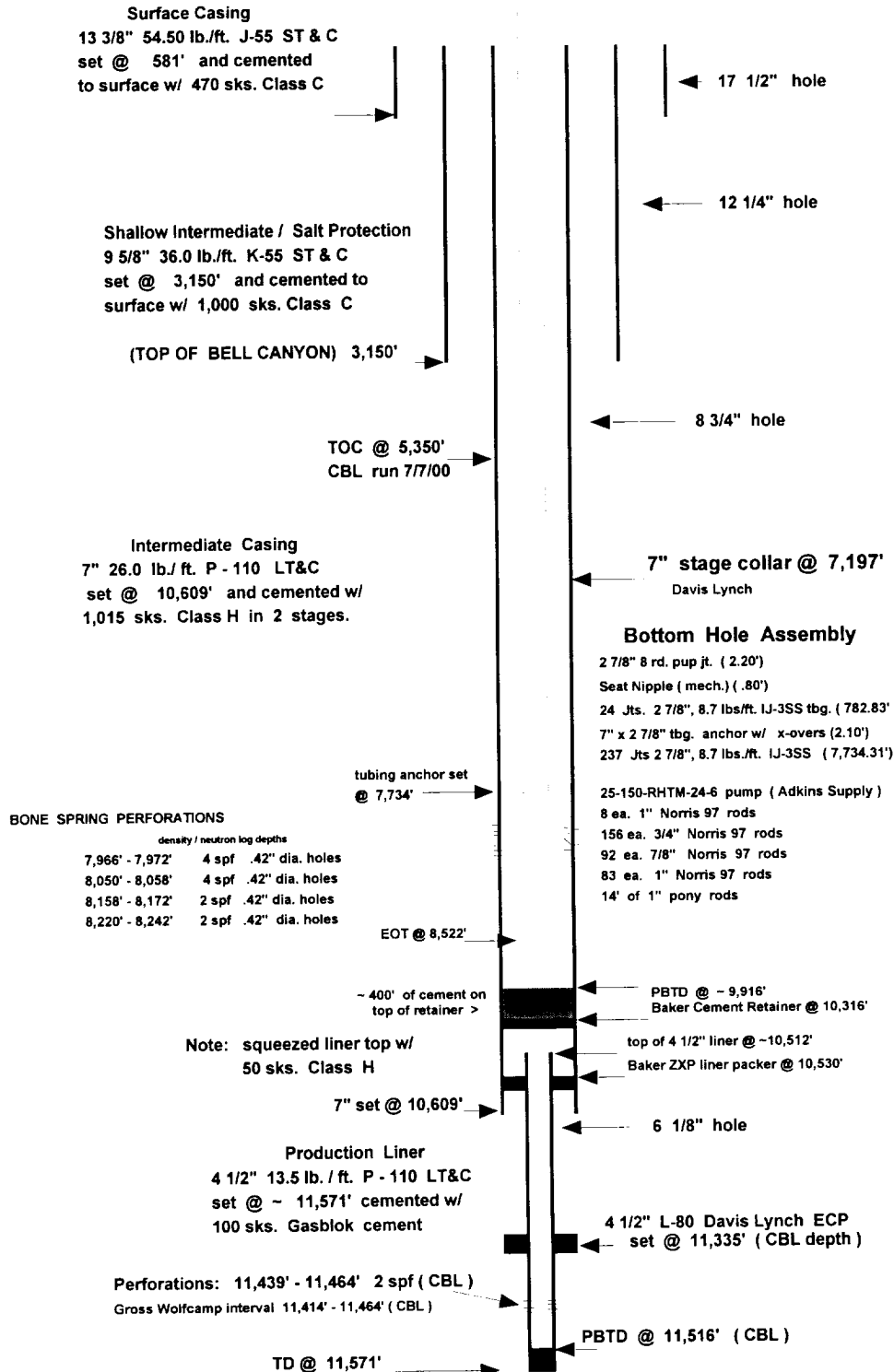
2/21/01

1/24/01

KUKUI Operating Company

GOODNIGHT '35' FEDERAL #1 (NMNM -103604)
SEC. 35 - T 23 S - R 29 E
EDDY COUNTY, NEW MEXICO

BONE SPRING COMPLETED WELLBORE SCHEMATIC AND PUMP SETTING



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C/SF

UNITED STATES J.M. Oil Cons. Division
DEPARTMENT OF THE INTERIOR 811 S. 1st Street
BUREAU OF LAND MANAGEMENT Artesia, NM 88210-2834
SUBSTITUTE FORM 3160-5 (APPROVED June, 1992, revised May, 2000)
SUNDRY NOTICES AND REPORTS ON WELLS

1. TYPE OF WELL _ Oil Well <input checked="" type="checkbox"/> Gas Well	5. LEASE DESIGNATION AND SERIAL NO. NMMN 103604
2. NAME OF OPERATOR KUKUI Operating Company	6. IF INDIAN, ALL., OR TRIBE NAME
3a. ADDRESS 601 Vestavia Parkway, Suite 240 Vestavia, Alabama 35216	7. IF UNIT OR CA, AGREEMENT DESIGN.
3b. Telephone Number (include area code) 205-823-2977	8. WELL NAME AND NO. Goodnight 35 Federal #1
4. LOCATION OF WELL (Footage, Sec. T. R. M., or Survey Description) 2180' FWL & 660' FSL Sec. 35-T23S-R29E	9. API WELL NO. 30-015-31096
	10. FIELD & POOL, OR EXPLORATORY AREA Cedar Canyon-Morrow
	11. COUNTY OR PARISH, STATE Eddy, New Mexico

12. FILL IN APPROPRIATE DESCRIPTION TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION:
Change of Plan

TYPE OF ACTION:
Plugging Back

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 recompleate 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 recompletion 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.

Alternate plugging procedure. Plug back to recompleate in Bone Spring.

11-15-00

- 1.) 7" 26 lbs./ft. cement retainer set at 10,316' on 11-15-00.
Unable to pump through retainer. Suspect ports are plugged.
- 2.) Raise tubing to close retainer valve.
- 3.) Set 400' cement plug in 7" from 9,916' to 10,316'.
New PBTD at approximately 9,916'.
- 4.) Proceed with Bone Spring completion.
- 5.) Verbal approval granted by David Glass, BLM, Roswell, NM office on 11-15-00.

14. I HEREBY CERTIFY THAT THE FOREGOING IS TRUE AND CORRECT.

Name (Printed or Typed)

Larry K. Strider

TITLE

District Operations Manager

SIGNED Larry K. Strider by Nancy Youngblood c LKS permission DATE 11/15/00

(THIS SPACE FOR FEDERAL OR STATE OFFICIALS)
APPROVED BY (ORIG. SGT. ALEXIS O. SWOBODA
CONDITIONS OF APPROVAL, IF ANY ARE ATTACHED.

TITLE

PETROLEUM ENGINEER

DATE

NOV 22 2000