

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTOil Cons.
N.M. DIST. 2
1301 W. Grand Avenue
Artesia, NM 88210FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry Other										5. Lease Serial No. NMNM - 103604	
b. Type of Completion: <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input checked="" type="checkbox"/> Deepen <input checked="" type="checkbox"/> Plug Back <input type="checkbox"/> Diff Resvr. Other										6. If Indian, Allottee or Tribe Name	
2. Name of Operator KUKUI Operating Company										7. Unit or CA Agreement Name and No.	
3. Address 203 W. Wall St., Suite 810 Midland, Texas 79701					3a. Phone No. (include area code) 915-687-8200					8. Lease Name and Well No. Goodnight 35 Federal #1	
4. Location Of Well (Report location clearly and in accordance with Federal requirements) At surface 2,180' FWL & 660' FSL Sec 35 - T23S - R29E At top prod. Interval reported below At total depth										9. API Well No. 30-015-31096	
10. Field and Pool, or Exploratory Nash Draw Delaware, Southwest										11. Sec., T., R., M., on Block and Survey or Area Sec. 35 - 23S - 29E	
12. County or Parish Eddy					13. State New Mexico					17. Elevations (DF, RKB, RT, GL)* 3,100' GL	
14. Date Spudded 4/28/2000			15. Date T.D. Reached 6/09/2000			16. Date Completed <input type="checkbox"/> D&A <input checked="" type="checkbox"/> Ready to Produce					
18. Total Depth: MD 11,593' DPM TVD			19. Plug Back T.D.: MD 6,330' TVD			20. Depth Bridge Plug Set: MD 6,350' TVD					
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) IL & NGRL (Delaware) DLL-MSFL-GR & CNL-LDT-GR (Bone Spring) SD-NL (Wolfcamp) CBL										22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)	
23. Casing and Liner Record (Report all strings set in well)											
Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Tool Depth	No. of Sk. & Type of Cement	Slurry Vol. (Bbls.)	Cement Top*	Amount Pulled		
17 1/2"	13 3/8" J-55	54.5	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 (MD)			
2-7/8"	6,618										
25. Producing Intervals											
Formation		Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status				
A) Lower Brushy - Avion		6400	6420	6400' - 6420'	0.42	80	Computalog 12/11/2001				
B) Upper Brushy - H.B.		5874	5890	5874' - 5890'	0.42	64	Computalog 1/12/2002				
C)											
D)											
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.											
Depth Interval		Amount and Type of Material									
28. Production - Interval A											
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method		
12/23/01	12/25/01	24	→	2	0	250			Pump		
Choke Size	Tbg Press. Flwg. 125 SI 0	Csg. Press. 0	24 Hr. Rate →	Oil BBL 2	Gas MCF 0	Water BBL 250	Gas : Oil Ratio 0	Well Status Tested non-commercial			
28a. Production - Interval B											
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method		
1/21/2002	1/22/02	24	→	3	0	299			Pump		
Choke Size	Tbg Press. Flwg. 200 SI 0	Csg. Press. 5	24 Hr. Rate →	Oil BBL 3	Gas MCF 0	Water BBL 299	Gas : Oil Ratio 0	Well Status Testing			

(See instructions and spaces for additional data on reverse side)

RECEIVED FEB 22 2002
ACCEPTED FOR RECORD
FEB 28 2002
ALEXIS C. SWOBODA
PETROLEUM ENGINEER

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

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 open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth

32. Additional remarks (include plugging procedure):

This report is a supplement to the 3160-4 filed 9/12/2001. (copy of the approved 3160-4 dated 9/12/2001 is attached)

Well was shut-in on 2/13/2002 due to lack of oil production.

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:

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 Western District Manager

Signature



Date 2/21/02

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 of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OPERATOR'S COPY

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

RECEIVED

OCT 08 2001

KUKUI - Midland

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☐ Oil Well ☐ Gas Well ☐ Dry Other ☐
b. Type of Completion: ☐ New Well ☐ Work Over ☐ Deeper ☒ Plug Back ☐ Diff. Resvr.
Other ☐
Name of Operator **KUKUI Operating Company**
3. Address **203 W. Wall Street, Suite 810
Midland, TX 79701**
3a. Phone No. (include area code) **(915) 687-0200**
4. Location of Well (Report location clearly and in accordance with Federal requirements)
At Surface **2,180' FWL & 660' FSL Sec. 35 - T23S - R29E**
At top prod. interval reported below
At total depth
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**
6. If Indian, Allottee or Tribe Name
7. Unit or CA Agreement Name and No.
8. Lease Name and Well No. **Goodnight 35 Federal # 1**
9. API Well No. **30 - 015 - 31096**
10. Field and Pool, or Exploratory
Undesignated Cedar Canyon - Delaware
11. Sec., T., R., M., on Block and
Survey or Area **Sec. 35 - 23S - 29E**
12. County or Parish **Eddy** 13. State **New Mexico**

18. Total Depth: MD **11,593' DPM** 19. Plug Back TD: MD **6,720'** 20. Depth Bridge Plug Set: MD **6,730'**
TVD TVD TVD
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
IL & NGRL (Delaware) DLL - MSFL - GR & CNL - LDT - GR (Bone Spring)
SD - NL (Wolfcamp) CBL
22. Was well cored? ☐ No ☐ Yes (Submit analysis)
Was DST run? ☐ No ☒ Yes (Submit report)
Directional Survey? ☐ No ☐ Yes (Submit Copy)

23. Casing and Liner Record (Report all strings in well)						Stage Cement	No. of Sk. &	Slurry		
Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Tool Depth	Type of Cement	(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 (MD)
2 7/8"	6,618							

25. Producing Intervals				26. Perforation Record			
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) Lower Brushy "C"	6,740'	6,778'		6,740-6,778' 2 zones	.42"	64	Schlumberger - 8/08/2001
D) Lower Brushy - Herradura	6,580'	6,600'		6,580-6,600' 4 spf	.42"	80	Schlumberger - 8/14/2001

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
		6,740' - 6,778'	Acidize w/1,800 gals 10% HCL 8/09/01.
		6,580' - 6,600'	Frac Herradura w/17,700 gals YF130 fluid & 285 sacks 16/30 sand on 8/21/01.

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	→	10	281	0.4	58.5	0.665	Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBLS.	Gas MCF	Water BBLS.	Gas / Oil Ratio	Well Status	
variable - 10/64	SI	7,100	→	60	1,686	2.4	28.146	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	→	45	96	320	41.6		Pumping / Flare gas
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBLS.	Gas MCF	Water BBLS.	Gas / Oil Ratio	Well Status	
open	SI	0	→	45	96	320	2.13	Installed pumping unit / Testing	

ACCEPTED FOR RECORD

OCT 4 2001

GARY GOURLEY
PETROLEUM ENGINEER

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
8/10/01	8/12/01	8	→	0	0	10	-	-	Swab Test
Choke Size	Tbg. Press.	Csg. Press.	24 Hr. Rate	Oil BBLS.	Gas MCF	Water BBLS.	Gas / Oil Ratio	Well Status	
Open	SI 0	0	→	0	0	10	0	Plugged back on 8/14/01	

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
8/30/01	9/11/01	24	→	15	0	217			Pumping
Choke Size	Tbg. Press.	Csg. Press.	24 Hr. Rate	Oil BBLS.	Gas MCF	Water BBLS.	Gas / Oil Ratio	Well Status	
Open	SI 140	200	→	15	0	217	0	Testing Herradura	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Shut in / fuel only

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.

Plugged back Bone Spring interval. Tested Lower Brushy "C" which tested 100% water. Plugged back Lower Brushy "C".

Presently testing "Herradura" with pumping unit.

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. StriderTitle Western District ManagerSignature *Larry K. Strider*Date 9/12/01

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.

KUKUI OPERATING COMPANY

Installation Diagram

County	State	Date
Eddy	NM	9/5/2001

Fld Wt	Company		Well Name		PBTD			TD
	KUKUI Operating Co.		Goodnight 35 Fed. # 1		6720'			
Type	S35-T23S-R29E NMNM 103604		Tbg.	Csg.			Misc.	
	Perforations: 6580-6600' LOWER BRUSHY - HERRADURA		2 7/8"	7" 26#				
Item	Description		O.D.	I.D.	Length	Depth		
		KBC			0.00	20.00		
	2 7/8" 8.7#	198 Joints AB-IJ-3SS Tubing			6463.06	6483.06		
					0.00	6483.06		
	7" 26#	Casing			0.00	6483.06		
					0.00	6483.06		
					0.00	6483.06		
					0.00	6483.06		
					0.00	6483.06		
					0.00	6483.06		
	2 7/8" AB-IJ-3SS X 2 7/8" 8rd Eue	X-Over			0.60	6483.66		
					0.00	6483.66		
	6485'	Tac			2.10	6485.76		
					0.00	6485.76		
					0.00	6485.76		
					0.00	6485.76		
	2 7/8" 8rd Eue X 2 7/8" AB-IJ-3SS	X-Over			0.60	6486.36		
					0.00	6486.36		
	2 7/8" 8.7#	4 Joints AB-IJ-3SS Tubing			126.52	6612.88		
					0.00	6612.88		
	6580-6600'	Perforations			0.00	6612.88		
					0.00	6612.88		
	2 7/8"	Seating Nipple (Mechanical HD)	2 7/8"	1.750"	1.10	6613.98		
					0.00	6613.98		
	2 7/8"	Perforated sub			4.10	6618.08		
	2 7/8"	Bullplug w/collar			0.50	6618.58		
	(53' of fill on top of plug)							
	(10' Cement)							
	6720'	PBTD						
	6730'	CIBP						
	6740-48'							
	6770-78'	Perforations						
	7177'	DV Tool						
	(20' Cement)							
	7880'	PBTD						
	7900'	CIBP						
	7966-72'	Perforations						
	(6' Cement)							
	8039'	PBTD						
	8045'	CIBP						
	8050-58'							
	8158-72'	Perforations						
	8220-42'							
	(400' Cement)							
	9916'	PBTD						
	10,316'	Retainer						