

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

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other
2. Name of Operator KUKUI Operating Company
3. Address 203 West Wall St., Suite 810
Midland, Texas 79701 3a. Phone No. (include area code)
(915) 687-6200
4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At Surface 860' FSL & 1980' FEL, Sec 31 - T19S - R21E
At top prod. interval reported below
At total depth
14. Date Spudded 8/30/01 15. Date T.D. Reached 9/15/01 16. Date Completed 10/20/01
☐ D & A ☒ Ready to Prod. 17. Elevations (DF, RKB, RT, GL)*
4,588' GL

18. Total Depth: MD 7,750' TVD 19. Plug Back TD: MD 7,246' TVD 20. Depth Bridge Plug Set: MD TVD
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
1.) Density / Neutron / GR 3.) CBL 22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
2.) DLL / GR 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 Sk. & Type of Cement	Slurry (Bbls.)	Cement Top*	Amount Pulled
20"	14"	Structural	surface	40'			Ready Mix		surface	
12-1/4"	9-5/8" J-55	36.0	surface	1,530'			1,955 sx Class C	452	surface	
8-3/4"	5-1/2" N-80	17.0	surface	7,350'			450 sx 50/50 Poz C	100	5,900'	

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 7/8"	6,926'	6,926'	5-1/2"					

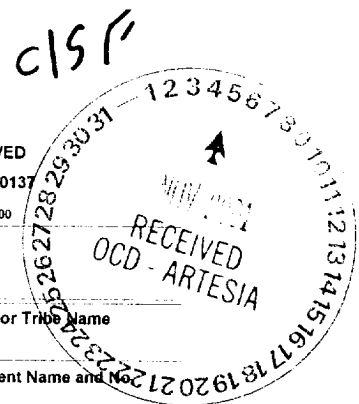
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Atoka	6,963'	7,140'	6,963 - 7,140'	0.41	64	Computalog - 10/10/01
B)						
C)						
D)						

Depth Interval	Amount and Type of Material
6,963 - 7,140'	Acidize with 1800 gals 15% HCl with 450 scf/bbl N2 on 10/11/01
6,963 - 7,140'	Frac with 70% N2 foam & 45,000 lb 20/40 sand on 10/15/01

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBLs.	Gas MCF	Water BBLs.	Oil Gravity Corr. API	Gas Gravity	Production Method
10/18/01	10/19/01	5	→	1.5	269	0	59	0.713	Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBLs.	Gas MCF	Water BBLs.	Gas / Oil Ratio	Well Status	
14/64	SI 2,050	0	→	1.5	1,528	0	179.2		

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

ACCEPTED FOR RECORD
(ORIG. SGD) DAVID R. GLASS
OCT 30 2001
DAVID R. GLASS
PETROLEUM ENGINEER



CROOKED CANYON
Ato - mor
97158

RECEIVED
OCT 24 PM 12 24
BUREAU OF LAND MGMT.
COWLESDALE FIELD OFFICE

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
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBLs.	Gas MCF	Water BBLs.	Gas / Oil Ratio	Well Status	
			→						

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
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBLs.	Gas MCF	Water BBLs.	Gas / Oil Ratio	Well Status	
			→						

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

Vented / Flared

30. Summary of Porous Zones (Include Aquifers) :

31. Formation (Log) Markers

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.

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
Atoka	6,963'	7,140'	Oil, Gas, and Water	San Andres	1,350'
				Abo	3,350'
				Wolfcamp	4,450'
				Strawn	6,800'

32. Additional remarks (include plugging procedure):

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

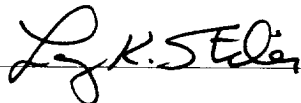
7. Other: Wellbore Schematic
Deviation Surveys - Nabors Drilling

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 October 23, 2001

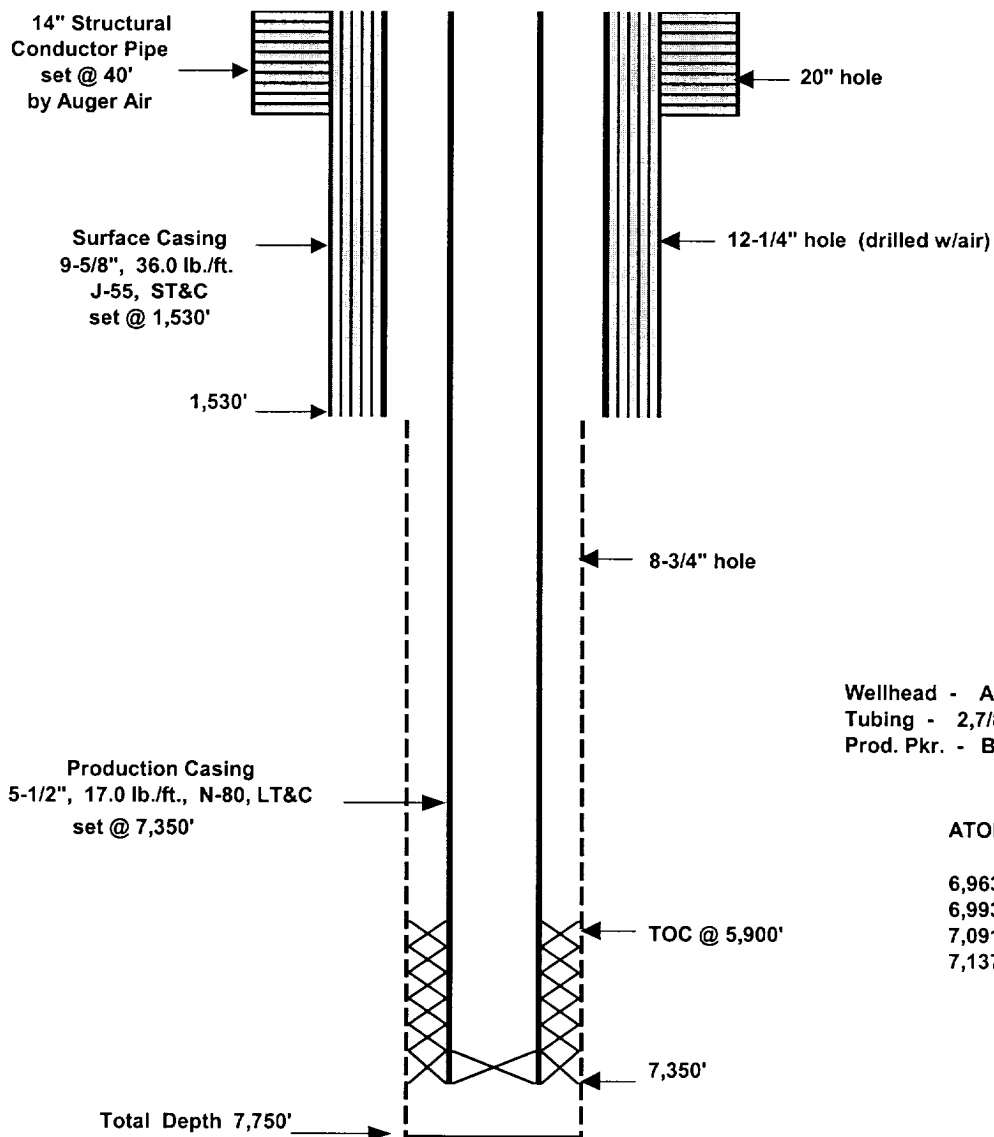
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

10/15/2001

KUKUI Operating Company
SARGENT CANYON "31" Federal #1
860' FSL & 1980' FEL, Sec 31, T19S, R21E
Wildcat - Huapache Basin
Eddy County, NM

Lease Serial # 105538
API # 30-015-3182600

Current Wellbore Schematic



Wellhead - ABB Vetco Gray 2 9/16", 5M
Tubing - 2,7/8", 6.5 lbs.ft., J-55, EUE, 8rd.
Prod. Pkr. - Baker Model R set @ 6,926'

ATOKA Perforations

6,963' - 6,968'	4 spf
6,993' - 6,998'	4 spf
7,091' - 7,094'	4 spf
7,137' - 7,140'	4 spf