

UNITED STATES N.M. Oil Cons. Division
DEPARTMENT OF THE INTERIOR 1025 N. French Dr.
BUREAU OF LAND MANAGEMENT Hobbs, NM 88240

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		5. Lease Serial No. NM105892
b. Type of Completion ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr., Other _____		6. If Indian, Allottee or Tribe Name
2. Name of Operator SAGA PETROLEUM LLC		7. Unit or CA Agreement Name and no.
3. Address 415 W. WALL, SUITE 1900, MIDLAND, TX 79701	3a. Phone No. (Include area code) (432)684-4293	8. Lease Name and Well No. Bootleg 11 Fed com 1
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At Surface 2030' FSL & 1650' FEL At top prod. interval reported below 2030' FSL & 1650' FEL At total depth 2030' FSL & 1650' FEL		9. API Well No. 30-025-36265
14. Date Spudded 05/01/2003		10. Field and Pool, or Exploratory Bootleg Ridge, Morrow
15. Date T.D. Reached 06/21/2003		11. Sec., T., R., M., on Block and Survey or Area Sec11 (J) T22S, R32
16. Date Completed ☐ D & A ☒ Ready to Prod. 10/23/2003		12. County or Parish Lea
		13. State NM
		17. Elevations (DF, RKB, RT, GL)* 3700'

18. Total Depth: MD 15160 TVD 15160	19. Plug Back T.D.: MD TVD	20. Depth Bridge Plug Set: MD TVD
21. Type of Electric & Other Mechanical Logs Run (Submit copy of each)		22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit analysis) Directional Survey? ☐ No ☒ 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 Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)
17-1/2"	13-3/8H40	48	952'			775	
12-1/4"	9-5/8"J55	36 & 40	4743'			1350	
8-1/2"	7"N80-	23	12195'			2820	
	P110						
6-1/8"	4-1/2"	13.5	15150			420	

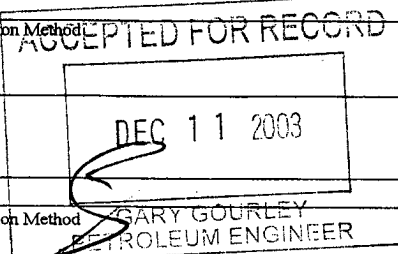
24. Tubing Record							
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)
2-7/8"	11,702'						

25. Producing Intervals				26. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status	
A) Morrow			14,602' -14,640' 72	.35" EHD	88	Open	
B)							
C)							
D)							

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.		Amount and Type of Material
Depth Interval		

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
	11/19/03	24	→	4	916	0	54	.662	flwg
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
	75 F	440	→	4	1.1 MM	0		prod	
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
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

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



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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 or 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.

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Brushy Canyon	8400	8730	Sd, Sh, oil show	Delaware Lime	4810
Bone Spring	8730	9000	Limestone, sh	Cherry Canyon	5760
1st Bn Sprg Sd	9880	9975	Sd	Brushy Canyon	7110
2nd Bn Sprg Sd	10,585	10,640	Sd	Bone Spring	8730
Wolfcamp	11,975	12,000	Limestone, shale	Strawn	13,492
Mid Morrow	14,602	14,884	Sand, Shale	Lwr Atokan Lime	13,835
Lwr Morrow	14,884	15,100	Sand, Shale	Upr Morrow	14,358
				Mid Morrow	14,602
				Lwr Morrow	14,884

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

- ☒ 1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geological 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) Bonnie HusbandTitle Production Analyst

Signature

Bonnie HusbandDate 12/09/2003

Title 18 U.S.C. Section 101 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 and false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CE-1074