

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. C. Gen. Division
1625 N. French Dr.
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. LC-061863-A	
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 SAHARA OPERATING COMPANY		7. Unit or CA Agreement Name and No.	
3. Address P.O. Box 4130, Midland, TX 79704		8. Lease Name and Well No. Spencer Federal 5 #1	
3a. Phone No. (include area code) 915/697-0967		9. API Well No. 30-025-35390	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 478' FSL & 680' FWL, Section 5, T25S, R32E, Lea Co, NMPM		10. Field and Pool, or Exploratory Paduca Delaware	
At top prod. interval reported below Same		11. Sec., T., R., M., on Block and Survey or Area Sec. 5, 25S, 32E	
At total depth Same		12. County or Parish Lea	
14. Date Spudded 2/24/01		13. State NM	
15. Date T.D. Reached 3/6/01		17. Elevations (DF, RKB, RT, GL)* KB 3467'	
16. Date Completed ☒ D & A ☐ Ready to Prod. 3-8-2001			

18. Total Depth: MD 4715' TVD	19. Plug Back T.D.: MD TVD	20. Depth Bridge Plug Set: MD TVD
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) BHC sonic/GR		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 set in well)									
Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.25"	8-5/8" K55	24.0	14'	735'		460 sx C I C	135	Surf (CIR)	4'

24. Tubing Record							
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)

25. Producing Intervals				26. Perforation Record			
Formation	Top	Bottom		Perforated Interval	Size	No. Holes	Perf. Status
A)							
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
			→						
Choke Size	Thg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

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
			→						
Choke Size	Thg. 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)

(ORIG. SGD.) DAVID R. GLASS

K2

RECEIVED

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
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
29. Disposition of Gas (Solid, used for fuel, vented, etc.)									
Choke Size	Tbg. Press.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	Production Method

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

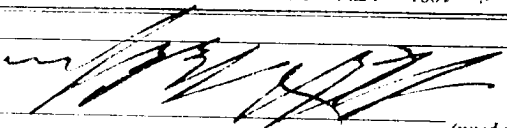
32. Additional remarks (include plugging procedure):						
Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top	Meas. Depth
Delaware	4509	4643	Test #1: Mistrun Test #2: Open tool 15 min, IFP 124#. Close tool 1 hr, SIP 2241#, Open tool 1 hr, FP 187-249#, close tool 2 hrs, SIP 2098#, Rec 335' drilling mud (1.65 bbls)	Rustler Anhydrite Base of Salt Delaware Sand	650'	4310' 4556'

32. Additional remarks (include plugging procedure):
Set 200 sx Class C w/2% CaCl₂ @ 4628', POH WOC, TBH, Tagged plug @ 4184'
Set 85 sx Class C w/2% CaCl₂ @ 790', WOC, TBH tagged cmt @ 643'
Set 15 sx plug from 50' below surface (63' KB), cut off 8-5/8" csg 5' below GL.
Installed dry hole marker.

33. Circle enclosed attachments:

- 8 Electrical/Mechanical Logs (1 full set req'd)
- 2 Geologic Report
- 6 Core Analysis
- 8 DST Report
- 4 Directional Survey
- Other: Deviation Survey, mud log

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) Robert McAlpine
Title President
Signature 
Date 4/04/2001

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.