

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division  
1625 N. French Dr.  
Hobbs, NM 88240

FORM APPROVED  
OMB NO. 1004-0137  
Expires: November 30, 2000  
Lease Serial No.  
C-061936-A

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., Other			7. Unit or CA Agreement Name and No.		
2. Name of Operator SAHARA OPERATING COMPANY			8. Lease Name and Well No. Ray Federal 9 #1		
3. Address P.O. Box 4130, Midland, TX 79704			9. API Well No. 30-025-35206		
3a. Phone No. (include area code) 915/697-0967			10. Field and Pool, or Exploratory Paduca Delaware		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 983' FNL & 1896' FWL, Section 9, T25S, R32E, Lea Co, NMPM At top prod. interval reported below Same At total depth Same			11. Sec., T., R., M., on Block and Survey or Area Sec. 9, T25S, R32E		
14. Date Spudded 2/11/01			15. Date T.D. Reached 2/20/01		
16. Date Completed <input checked="" type="checkbox"/> D & A <input type="checkbox"/> Ready to Prod. 2-22-2001			17. Elevations (DF, RKB, RT, GL)* KB 3473'		
18. Total Depth: MD 4800' 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? <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 Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.25"	8-5/8" K55	24.0	14'	778'		410 sx Cl C	118	Surf (CIR)	4'

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)						
B)						
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
			→						
Choke Size	Thg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio		
			→						

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		
			→						

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

RECORD  
(ORIG, SGD.) DAVID R. GLASS

↓ K

## 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.

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
Delaware	4587	4720	Open tool 15 min, IFP 155#. Close tool 1 hr, SIP 2073#. Open tool 1 hr, FP 215-191#. close tool 2 hrs. SIP 1965#. Rec 200' drilling mud	Rustler Anhydrite Base of Salt Delaware Sand	750' 4418' 4670"

## 32. Additional remarks (include plugging procedure):

Set 100 sx Class C w/2% CaCl<sub>2</sub> @ 4468". POH WOC, TBIH, Tagged plug @ 4443'  
Set 25 sx plug @ 4443'. Set 85 sx Class C w/2% CaCl<sub>2</sub> @ 2000'.  
Set 75 sx plug @ 828', Set 15 sx plug from 50' below surface (63' KB), cut off 8-5/8" casg 5' below GL.  
Installed dry hole marker.

## 33. Circle enclosed attachments:

- ☒ Electrical/Mechanical Logs (1 full set req'd.)    2. Geologic Report    ☐ DST Report    4. Directional Survey  
☒ Sundry Notice for plugging and cement verification    6. Core Analysis    ☐ 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

Signature

Date

President  
BUREAU OF LAND MGMT  
ROSALELLI  
OFFICE

4/05/2001

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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.