

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Oil Cons.
N.M. DIV-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 ☒ Oil Well ☐ Gas Well ☐ Dry Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

2. Name of Operator
Ricks Exploration, Inc.

3. Address
110 W. Louisiana, Ste. 410, Midland, TX 79701

3.a Phone No. (Include area code)
(915)683-7443

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At Surface 1980' FSL & 1980' FWL

At top prod. interval reported below 1980' FSL & 1980' FWL

At total depth 1980' FSL & 1980' FWL

14. Date Spudded
01/31/2003

15. Date T.D. Reached
02/24/2003

16. Date Completed
☐ D & A ☒ Ready to Prod.
03/22/2003

5. Lease Serial No.
LC-029392

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and no.
Greenwood Pre-Grayburg Un

8. Lease Name and Well No.
16

9. API Well No.
30-015-32515

10. Field and Pool, or Exploratory
Shugart Bone springs

11. Sec., T., R., M., on Block and
Survey or Area Sec. 27, T18S, R31E

12. County or Parish
Eddy

13. State
New Mexico

17. Elevations (DF, RKB, RT, GL)*
3633' GR

18. Total Depth: MD 9976
TVD

19. Plug Back T.D.: MD 9745
TVD

20. Depth Bridge Plug Set: MD 9775
TVD

21. Type of Electric & Other Mechanical Logs Run (Submit copy of each)
CBL/GR

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)	Cement Top*	Amount Pulled
17 1/2	13 3/8"	48#		669		500sx "C"		Surface	
12 1/4	8 5/8"	32#		4115		1515sx Poz			
7 7/8"	5 1/2"	17#		9971'		1190sx PozH			

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"	9918							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Bone Springs	8148	8184'	9804 - 9816		8	CIBP @ 9775 + 30' cmt
B)			8148 - 8184' 2 spf			open
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
9820'	Displaced w/ 250 bbls 2% KCL water + 15% NEFe acid
9804 - 9818'	1800 gals 15% 90/10 acid. + 35 BS
8205	Displaced w/2% KCl water. Spot 2 bbls. 15% NeFe acid
8148 - 8184'	5400 gals 15% 90/10 acid + 110 BS

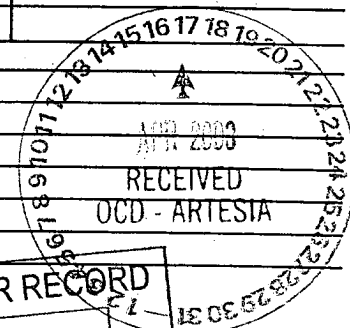
28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
03/27/03	3/30/03	24	→	125	50	67			pumping
Choice Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→	125	50	67	400	producing	

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
			→						
Choice 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)

ACCEPTED FOR RECORD
pumping

APR 15 2003

LES BABYAK
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 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
Surface Rock	0	240		T. Anhy	654
Red Bed	240	669		T. Yates	2493
Salt/Anhy	669	4115		T. Queen	3321
Dolomite	4115	5028		T. Wolfcamp	9606
Sd	5028	6060		T. Bone Springs	6274
Lm	6060	6416			
Sd/Sh/Lm	6416	9976			

31. Formation (Log) Markers

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) Haylie Urias Title Regulatory Analyst

Signature Haylie Urias /hc Date 04/10/2003

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.

DISTRICT I
1825 N. French Dr., Hobbs, NM 88240

DISTRICT II
811 South First, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised March 17, 1999

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-32515	Pool Code 56400	Pool Name Shugart Bone Springs
Property Code 26066	Property Name GREENWOOD PRE-GRAYBURG UNIT	Well Number 16
OGRID No. 168489	Operator Name RICKS EXPLORATION INC.	Elevation 3633'

Surface Location

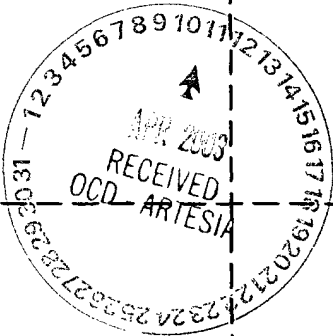
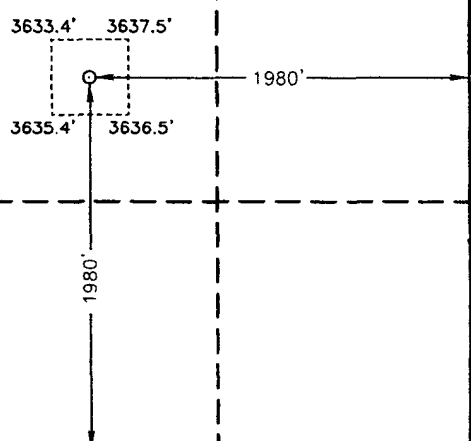
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	27	18 S	31 E		1980	SOUTH	1980	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

 <p>LAT-N32°43'00.2" LONG-W103°51'18.5"</p> 	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Haylie Urias / de</i> Signature Haylie Urias Printed Name Reg Analyst Title 4-10-03 Date</p>
	<p>SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief.</p> <p>AUGUST 8, 2002 Date Surveyed</p> <p><i>[Signature]</i> Signature & Seal of Professional Surveyor W.O. No. 2667A Certified No. Gary L. Jones 7977 BASIN SURVEYS</p>

OPERATOR: RICKS EXPLORATION
WELL/LEASE: GREENWOOD PRE-GRAYBURG #16
COUNTY: EDDY

508-0064

STATE OF NEW MEXICO
DEVIATION REPORT

191	1/4
669	3/4
1,132	1
1,605	3/4
2,079	1/2
2,553	3/4
3,026	3/4
3,500	3/4
3,910	1
4,115	1
4,607	1
5,081	1/2
5,554	1 1/2
5,804	1 1/4
6,025	1 3/4
6,277	1 1/2
6,498	1 3/4
6,750	1 1/4
7,003	1 1/4
7,254	1
7,728	1
8,202	3/4
8,698	1
9,056	1
9,546	1 1/4
9,976	1 1/2



By: Steve Moore

STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 28th day of February, 2003, by Steve Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

Joni D. Hodges
Notary Public for Midland County, Texas

My Commission Expires: 4/08/2007

