

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WELL COMPLETION OR RECOMPLETION REPORT AND LOGFORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

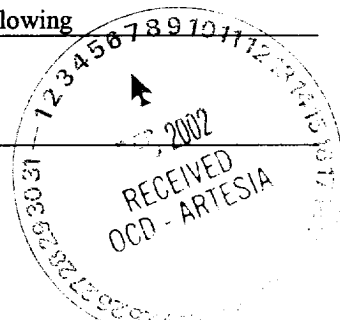
C/SF

1a. Type of well ☐ Oil Well ☒ Gas Well ☐ Dry Other		5. Lease-Serial No. LC-029392-B AC-029392-B							
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr., Other		6. If Indian, Allotte or Tribe Name							
2. Name of operator Concho Oil & Gas Corp.		7. Unit or CA Agreement Name and No							
3. Address 110 W Louisiana, Ste 410, Midland, TX 79701		8. Lease Name & Well No. Greenwood Pre Grayburg Unit #14							
3a. Phone No. (include area code) (915) 683-7443		9. API Well No. 30-015-31615 S1							
4. Location of Well (Report location and in accordance with Federal requirements)* At surface 2050 FSL & 1310 FEL At top prod. interval reported below At total depth		10. Field and Pool, or Exploratory Shugart; Ordovician (Gas)							
14. Date Spudded 07/05/01		15. Date T.D. Reached 09/12/01							
16. Date Completed 10/26/01 ☐ D&A ☐ Ready to Prod.		17. Elevations (DF, RKB, RT, GL)* 3639' GL							
18. Total Depth: MD 13958' TVD		20. Depth Bridge Plug set: MD TVD							
21. Type Electric & Other Mechanical Logs GR/CCL./CBL		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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2"	13 3/8"	48#		651'		530 sx		Surface	Circ 160 sx to surf
12 1/4"	9 5/8"	36#&40#		4028'		1300 sx		Surface	Circ 172 sx to surf
8-3/4"	7"	26#&29#		12446'		1476 sx		Surface	
6-1/8"	4 1/2"	15#		12070' TOL		280 sx			
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"		13722'							
25. Producing Intervals				26. Perforation Record					
Formation		Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status		
A) Ellenburger				13779'-13790'	4 SPF		Productive		
B)				13750'-13770'					
C)									
D)									
27. Acid, Fracture, Treatment, Cement squeeze, Etc.									
Depth Interval		Amount and Type of Material							
13779' - 13790'		Acidize w/ 7-1/2% NEFE.							
13750 - 13770'									
28. Production - Interval A									
Date First Produced	Test Date	Hours Tested	Test Production Flowing	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
10/26/01	10/31/01	24	Flowing	17	2171	4	58		Flowing
Choke Size	Tbg. Press. Flwg SI	Csg. Press.	24 hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
1 1/64"	2400			17	2171	4	127705		

CONFIDENTIAL

ACCEPTED FOR RECORD

DEC 2 2002

ALEXIS C. SWOBODA
PETROLEUM ENGINEER

23a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	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)

23b. 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	

23c. 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 ect.)

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem test, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries. No DST's or Full a. Cores

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
7 Rivers	2750				
Queen	3350				
Grayburg	3600				
San Andres	4010				
Wolfcamp	9586				
Srawn	10325				
Atoka	10510				
Miss	11775				
Devonian	12426				
Silurian	12718				
Montoya	13330				
Ellenburger	13776				
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:

34. I hereby certify that the foregoing and Attached information is complete and correct as determined from all available records attached instructions)*
(see

Name (please print) Kim StewartTitle Regulatory AnalystSignature Kim StewartDate October 28, 2002

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.

OPERATOR: RICKS EXPLORATION
WELL/LEASE: GREENWOOD PRE-GRAYBURG #14
COUNTY: EDDY

RIG 45

STATE OF NEW MEXICO
DEVIATION REPORT

311	1/2	12,070	4
603	1/2	12,230	4
1,117	1/2	12,364	4 1/4
1,620	3/4	12,873	4 1/4
2,123	1	13,316	4
2,592	3/4	13,797	2 1/4
3,093	3/4	13,958	2 1/4
3,533	1		
4,028	1		
4,539	3/4		
5,033	1		
5,532	3/4		
6,037	1		
6,165	1		
6,633	3/4		
7,133	1 1/4		
7,509	3/4		
8,006	1/2		
8,185	1/2		
8,630	1/4		
9,135	1 1/4		
9,637	2		
10,019	1 1/4		
10,546	2 3/4		
10,687	3		
10,969	3 1/2		
11,125	3 3/4		
11,253	4		
11,402	4 1/4		
11,665	4 1/2		
11,791	4 1/2		
11,920	4		



By: Steve Moore

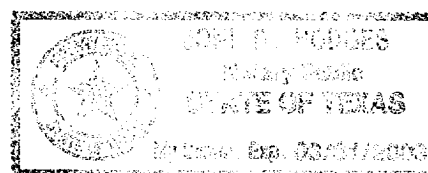
STATE OF TEXAS

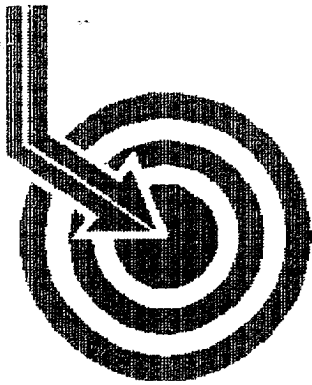
COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 18th day of September, 2001, by Steve Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

Joni D. Hodges
Notary Public for Midland County, Texas

My Commission Expires: 3/31/2003





Scientific Drilling

RICKS EXPLORATION

Field: Shugart
Site: Lea County, NM
Well: Greenwood Grayburg Unit #14
Wellpath: VH - Job #32K0801469

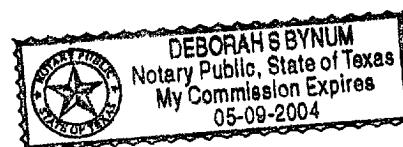
This survey is correct to the best of my knowledge
and is supported by actual field data.

Scott M. Dwyer Company Representative

Notorized this date 30th of August, 2001.

Deborah Sue Bynum

Notary Signature
County of Midland
State of Texas



Scientific Drilling International

Survey Report

Company: RICKS EXPLORATION Field: Shugart Site: Lea County, NM Well: Greenwood Grayburg Unit #14 Wellpath: VH - Job #32K0801469	Date: 8/28/2001 Co-ordinate(NE) Reference: Vertical (TVD) Reference: Section (VS) Reference: Survey Calculation Method:	Time: 16:09:23 Site: Lea County, NM True North SITE: 0.0 above Mean Sea Level Well: (0.0E, 0.0N, 119.8Azi) Minimum Curvature	Page: 1
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Survey: 8/28/01 KSRG 0'-12335'	Start Date: 8/28/2001		
Company: Scientific Drilling Internatio Tool: Keeper	Engineer: Jeff Cossey		

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	ClsD ft	ClsA deg
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.0	0.00
100.0	0.48	230.52	100.0	-0.3	-0.3	-0.3	0.4	230.52
200.0	0.31	219.08	200.0	-0.7	-0.7	-0.8	1.1	227.73
300.0	0.49	213.89	300.0	-1.3	-1.3	-1.2	1.8	223.16
400.0	0.50	209.31	400.0	-2.0	-2.0	-1.7	2.6	219.40
500.0	0.45	203.45	500.0	-2.8	-2.8	-2.0	3.5	216.34
600.0	0.38	202.34	600.0	-3.5	-3.5	-2.3	4.2	214.03
700.0	0.36	217.14	700.0	-4.0	-4.0	-2.6	4.8	213.43
800.0	0.26	231.98	800.0	-4.4	-4.4	-3.0	5.3	214.43
900.0	0.11	270.63	900.0	-4.5	-4.5	-3.3	5.6	215.94
1000.0	0.14	285.08	1000.0	-4.5	-4.5	-3.5	5.7	217.88
1100.0	0.13	291.07	1100.0	-4.4	-4.4	-3.7	5.8	220.07
1200.0	0.12	296.48	1200.0	-4.3	-4.3	-3.9	5.9	222.11
1300.0	0.05	321.21	1300.0	-4.3	-4.3	-4.0	5.9	223.51
1400.0	0.01	315.86	1400.0	-4.2	-4.2	-4.1	5.9	224.02
1500.0	0.01	302.12	1500.0	-4.2	-4.2	-4.1	5.9	224.19
1600.0	0.03	7.94	1600.0	-4.2	-4.2	-4.1	5.9	224.42
1700.0	0.07	31.26	1700.0	-4.1	-4.1	-4.1	5.8	224.72
1800.0	0.22	45.81	1800.0	-3.9	-3.9	-3.9	5.5	224.83
1900.0	0.68	64.28	1900.0	-3.5	-3.5	-3.2	4.8	222.42
2000.0	0.84	61.81	2000.0	-2.9	-2.9	-2.0	3.6	214.93
2100.0	0.90	55.64	2100.0	-2.1	-2.1	-0.7	2.3	199.29
2200.0	0.91	49.87	2199.9	-1.2	-1.2	0.5	1.3	156.62
2300.0	1.01	38.71	2299.9	0.0	0.0	1.7	1.7	89.24
2400.0	1.01	37.00	2399.9	1.4	1.4	2.7	3.1	62.79
2500.0	1.00	39.86	2499.9	2.8	2.8	3.8	4.7	54.02
2600.0	0.53	42.65	2599.9	3.8	3.8	4.7	6.1	51.13
2700.0	0.38	38.94	2699.9	4.4	4.4	5.2	6.8	49.97
2800.0	0.38	39.01	2799.9	4.9	4.9	5.7	7.5	49.00
2900.0	0.33	27.61	2899.9	5.4	5.4	6.0	8.1	47.85
3000.0	0.27	6.57	2999.9	5.9	5.9	6.2	8.5	46.14
3100.0	0.38	5.26	3099.9	6.5	6.5	6.2	9.0	43.79
3200.0	0.38	0.85	3199.9	7.1	7.1	6.2	9.5	41.18
3300.0	0.37	359.88	3299.9	7.8	7.8	6.2	10.0	38.73
3400.0	0.41	1.88	3399.9	8.5	8.5	6.3	10.5	36.46
3500.0	0.38	341.78	3499.9	9.1	9.1	6.2	11.0	34.00
3600.0	0.45	356.99	3599.9	9.9	9.9	6.0	11.6	31.53
3700.0	0.41	343.00	3699.9	10.6	10.6	5.9	12.1	29.21
3800.0	0.44	343.59	3799.9	11.3	11.3	5.7	12.7	26.80
3900.0	0.43	338.67	3899.9	12.0	12.0	5.5	13.2	24.44
4000.0	0.44	339.40	3999.9	12.7	12.7	5.2	13.7	22.19
4100.0	0.27	333.62	4099.9	13.3	13.3	5.0	14.2	20.42
4200.0	0.31	338.11	4199.9	13.8	13.8	4.7	14.6	19.03
4300.0	0.31	337.44	4299.8	14.3	14.3	4.5	15.0	17.66
4400.0	0.30	328.31	4399.8	14.7	14.7	4.3	15.3	16.27
4500.0	0.35	327.06	4499.8	15.2	15.2	4.0	15.7	14.72
4600.0	0.36	318.67	4599.8	15.7	15.7	3.6	16.1	12.99
4700.0	0.36	315.93	4699.8	16.2	16.2	3.2	16.5	11.18

Scientific Drilling International

Survey Report

Company: RICKS EXPLORATION Field: Shugart Site: Lea County, NM Well: Greenwood Grayburg Unit #14 Wellpath: VH - Job #32K0801469	Date: 8/28/2001 Co-ordinate(NE) Reference: Site: Lea County, NM, True North Vertical (TVD) Reference: SITE 0.0 above Mean Sea Level Section (VS) Reference: Well (0.0E, 0.0N, 119.8Azi) Survey Calculation Method: Minimum Curvature	Page: 2
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Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	ClsD ft	ClsA deg
4800.0	0.41	312.57	4799.8	16.6	16.6	2.7	16.9	9.27
4900.0	0.45	311.86	4899.8	17.1	17.1	2.2	17.3	7.18
5000.0	0.50	304.87	4999.8	17.6	17.6	1.5	17.7	4.88
5100.0	0.60	299.95	5099.8	18.2	18.2	0.7	18.2	2.19
5200.0	0.69	298.13	5199.8	18.7	18.7	-0.3	18.7	359.11
5300.0	0.72	297.98	5299.8	19.3	19.3	-1.4	19.3	355.92
5400.0	0.74	297.43	5399.8	19.9	19.9	-2.5	20.0	352.82
5500.0	0.80	287.37	5499.8	20.4	20.4	-3.7	20.7	349.59
5600.0	0.86	281.05	5599.8	20.7	20.7	-5.1	21.4	346.06
5700.0	1.03	276.06	5699.8	21.0	21.0	-6.8	22.0	342.09
5800.0	1.03	275.10	5799.8	21.1	21.1	-8.6	22.8	337.95
5900.0	0.99	277.52	5899.7	21.3	21.3	-10.3	23.7	334.20
6000.0	1.01	276.66	5999.7	21.6	21.6	-12.0	24.7	330.80
6100.0	1.03	277.18	6099.7	21.8	21.8	-13.8	25.8	327.60
6200.0	1.13	270.39	6199.7	21.9	21.9	-15.7	26.9	324.36
6300.0	1.22	268.49	6299.7	21.9	21.9	-17.7	28.2	320.94
6400.0	1.33	265.70	6399.6	21.8	21.8	-20.0	29.5	317.45
6500.0	1.31	265.30	6499.6	21.6	21.6	-22.3	31.0	314.10
6600.0	1.29	267.49	6599.6	21.4	21.4	-24.5	32.6	311.14
6700.0	1.29	269.94	6699.6	21.4	21.4	-26.8	34.3	308.60
6800.0	1.24	266.41	6799.5	21.3	21.3	-29.0	36.0	306.33
6900.0	1.33	258.59	6899.5	21.0	21.0	-31.2	37.6	303.96
7000.0	1.35	256.94	6999.5	20.5	20.5	-33.5	39.3	301.50
7100.0	1.18	262.24	7099.5	20.1	20.1	-35.7	40.9	299.43
7200.0	0.89	287.33	7199.5	20.2	20.2	-37.4	42.5	298.37
7300.0	0.71	292.08	7299.4	20.7	20.7	-38.7	43.9	298.09
7400.0	0.47	296.73	7399.4	21.1	21.1	-39.7	44.9	297.99
7500.0	0.28	293.02	7499.4	21.4	21.4	-40.3	45.6	297.95
7600.0	0.16	324.12	7599.4	21.6	21.6	-40.6	45.9	298.00
7700.0	0.21	12.63	7699.4	21.9	21.9	-40.6	46.1	298.30
7800.0	0.27	48.91	7799.4	22.2	22.2	-40.4	46.1	298.79
7900.0	0.28	60.47	7899.4	22.5	22.5	-40.0	45.9	299.33
8000.0	0.30	57.27	7999.4	22.7	22.7	-39.6	45.6	299.88
8100.0	0.40	70.30	8099.4	23.0	23.0	-39.0	45.3	300.51
8200.0	0.26	86.73	8199.4	23.1	23.1	-38.5	44.9	301.02
8300.0	0.06	295.24	8299.4	23.2	23.2	-38.3	44.7	301.17
8400.0	0.20	287.06	8399.4	23.2	23.2	-38.5	45.0	301.11
8500.0	0.45	274.69	8499.4	23.3	23.3	-39.1	45.5	300.84
8600.0	0.36	279.87	8599.4	23.4	23.4	-39.8	46.1	300.48
8700.0	0.25	288.45	8699.4	23.5	23.5	-40.3	46.6	300.29
8800.0	0.34	252.60	8799.4	23.5	23.5	-40.8	47.1	299.97
8900.0	0.55	227.43	8899.4	23.1	23.1	-41.4	47.4	299.15
9000.0	0.73	208.02	8999.4	22.2	22.2	-42.1	47.6	297.84
9100.0	1.09	193.17	9099.4	20.7	20.7	-42.6	47.3	295.95
9200.0	1.84	169.93	9199.4	18.2	18.2	-42.5	46.2	293.19
9300.0	2.07	168.24	9299.3	14.9	14.9	-41.9	44.4	289.55
9400.0	2.10	166.80	9399.2	11.3	11.3	-41.1	42.6	285.40
9500.0	2.07	162.81	9499.2	7.8	7.8	-40.1	40.9	281.00
9600.0	1.85	158.31	9599.1	4.6	4.6	-39.0	39.3	276.69
9700.0	1.67	154.71	9699.1	1.8	1.8	-37.8	37.8	272.67
9800.0	1.44	136.55	9799.0	-0.5	-0.5	-36.3	36.3	269.26
9900.0	1.31	124.14	9899.0	-2.0	-2.0	-34.5	34.5	266.64

Scientific Drilling International

Survey Report

Company: RICKS EXPLORATION Field: Shugart Site: Lea County, NM Well: Greenwood Grayburg Unit #14 Wellpath: VH - Job #32K0801469	Date: 8/28/2001 Co-ordinate(N/E) Reference: Vertical (TVD) Reference: Section (VS) Reference: Survey Calculation Method:	Time: 16:09:23 Site: Lea County, NM; True North SITE: 0.0 above Mean Sea Level Well: (0.0E, 0.0N, 119.8Azi) Minimum Curvature	Page: 3
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Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	ClsD ft	ClsA deg
10000.0	1.61	124.94	9999.0	-3.5	-3.5	-32.4	32.6	263.88
10100.0	2.07	124.82	10098.9	-5.3	-5.3	-29.7	30.2	259.88
10200.0	2.41	124.86	10198.8	-7.5	-7.5	-26.5	27.6	254.14
10300.0	2.70	120.63	10298.7	-9.9	-9.9	-22.8	24.9	246.42
10400.0	2.81	120.81	10398.6	-12.4	-12.4	-18.6	22.4	236.39
10500.0	2.92	119.72	10498.5	-14.9	-14.9	-14.3	20.7	223.86
10600.0	3.10	121.05	10598.4	-17.6	-17.6	-9.8	20.1	209.16
10700.0	3.22	119.36	10698.2	-20.3	-20.3	-5.0	21.0	193.91
10800.0	3.42	116.89	10798.0	-23.1	-23.1	0.1	23.1	179.83
10900.0	3.71	115.45	10897.9	-25.8	-25.8	5.7	26.4	167.65
11000.0	3.76	116.90	10997.6	-28.7	-28.7	11.5	30.9	158.16
11100.0	3.92	115.27	11097.4	-31.6	-31.6	17.5	36.2	151.03
11200.0	3.92	115.14	11197.2	-34.5	-34.5	23.7	41.9	145.54
11300.0	4.00	114.80	11296.9	-37.5	-37.5	30.0	48.0	141.34
11400.0	4.32	112.59	11396.7	-40.4	-40.4	36.6	54.5	137.80
11500.0	4.70	107.28	11496.4	-43.0	-43.0	44.0	61.5	134.36
11600.0	4.71	109.60	11596.0	-45.6	-45.6	51.8	69.0	131.39
11700.0	4.72	109.28	11695.7	-48.4	-48.4	59.5	76.7	129.09
11800.0	4.63	107.48	11795.4	-50.9	-50.9	67.3	84.4	127.13
11900.0	4.30	105.27	11895.1	-53.1	-53.1	74.7	91.7	125.41
12000.0	4.10	105.99	11994.8	-55.1	-55.1	81.8	98.6	123.97
12100.0	4.09	103.36	12094.5	-56.9	-56.9	88.7	105.4	122.69
12200.0	4.27	99.50	12194.3	-58.3	-58.3	95.8	112.2	121.34
12300.0	4.19	102.23	12294.0	-59.7	-59.7	103.1	119.1	120.10
12335.0	3.98	107.30	12328.9	-60.4	-60.4	105.5	121.5	119.78