

Submit To Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-105
Revised June 10, 2003

WELL API NO.

30-015-34742

5. Indicate Type of Lease

STATE ☒ FEE ☐

State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. Type of Completion:

NEW ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF ☐
WELL OVER BACK RESVR ☐ OTHER ☐

2. Name of Operator

COG Operating LLC

3. Address of Operator

550 W. Texas Ave., Suite 1300 Midland, TX 79701

4. Well Location

Unit Letter **F** : **1450** Feet From The **North** Line and **1907** Feet From The **West** Line

Section **30** Township **17S** Range **29E** NMPM **Eddy** County

10. Date Spudded

8/14/06

11. Date T.D. Reached

8/27/06

12. Date Compl. (Ready to Prod.)

9-11-06

13. Elevations (DF& RKB, RT, GR, etc.)

3648 GR

14. Elev. Casinghead

15. Total Depth

5,757

16. Plug Back T.D.

5,718

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

X

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

4436.5' - 5088' Yeso

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

CN / HNGS, Micro CFL / HNGS

22. Was Well Cored

No

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	48	324	17 1/2	425 sx	
8 5/8	32	800	12 1/4	425 sx	
5 1/2	17	5,718	7-7/8	1390 sx	

24.

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25.

TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8	5,097	

26. Perforation record (interval, size, and number)

4,436.5' - 4,733.5' 2 SPF, 54 holes OPEN
4,840' - 5,088' 2 SPF, 74 holes OPEN

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4436.5' - 4733.5'	See attachment
4840' - 5088'	See attachment

28

PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)			Well Status (Prod. or Shut-in)		
9-14-06		2-1/2 x 2 x 24' pump			Producing		
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
9 - 14 - 06	24			140	95	304	679
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
						41.4	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

Test Witnessed By

Mark Brewer

30. List Attachments

Logs, C102, C103, Deviation Report, C104

31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief

Signature

Printed

E-mail Address pedwards@conchoresources.com

Name

Phyllis A. Edwards

Title Regulatory Analyst

Date 11/17/06

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen 1640	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg 2050	T. Montoya	T. Mancos	T. McCracken
T. San Andres 2363	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta 3816	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Delaware Sand	T. Todilto	T.
T. Drinkard	T. Bone Spring	T. Entrada	T.
T. Abo	T. <u>Morrow</u>	T. Wingate	T.
T. Wolfcamp	T. Yeso 3910	T. Chinle	T.
T. Penn	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 3, from.....to.....

No. 2, from.....to.....

No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....

No. 2, from.....to.....feet.....

No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

30-015-34742-00-00

CONTINENTAL A STATE No. 011

Company Name: COG OPERATING LLC

Location: Sec: 30 T: 17S R: 29E Spot:

Lat: 32.8088711943772 Long: -104.115254369814

Property Name: CONTINENTAL A STATE

County Name: Eddy

String Information

Cement Information

Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Sqz
99999	99999			

Formation Information

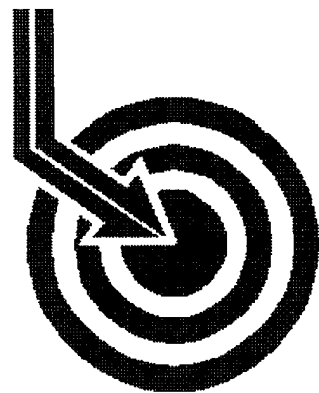
St Code	Formation	Depth
Pyts	Yates	783
Psr	Seven Rivers	1030
Psrbs	Bowers Sand	1402
Pqu	Queen	1639
Pgb	Grayburg	2050
Psa	San Andres	2363
Pgl	Glorieta	3816
Py	Yeso Formation	3910

Hole: Unknown

TD:

TVD: 0

PBTD:



Scientific Drilling



MACK ENERGY

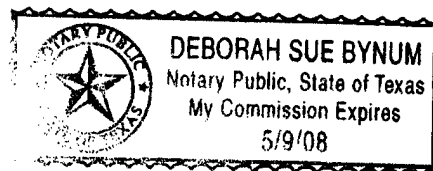
Field: Empire
Site: Eddy County, NM
Well: Continental A State #11
Wellpath: DH - Job #32D0806637
Survey: 08/16/06-08//25/06

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

.....*R. Wharton*.....Company Representative

Notorized this date 29th of October, 2006.

Deborah Sue Bynum
Notary Signature
County of Midland
State of Texas





Scientific
Drilling

Scientific Drilling International Survey Report

Company: MACK ENERGY	Date: 10/10/2006	Time: 22:00:03	Page: 1
Field: Empire	Co-ordinate(NE) Reference:	Site: Eddy County, NM, Grid North	
Site: Eddy County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: Continental A State #11	Section (VS) Reference:	Well (0.00N,0.00E,182.73Azi)	
Wellpath: VH - Job #32K0806669	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey: 08/18/06	Start Date: 08/18/2006
Field: KSRG 0'-900'	
Company: Scientific Drilling Internatio	Engineer: Lilja w/GeoGyro
Tool: Keeper;Keeper Gyro	Tied-to: From Surface

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
0.00	0.00	359.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.16	287.96	100.00	-0.04	0.04	-0.13	0.16	0.14	287.96
200.00	0.14	337.20	200.00	-0.18	0.20	-0.31	0.13	0.37	302.41
300.00	0.18	39.73	300.00	-0.42	0.43	-0.26	0.17	0.50	328.97
400.00	0.29	357.09	400.00	-0.80	0.81	-0.17	0.20	0.82	347.92
500.00	0.36	331.53	500.00	-1.32	1.33	-0.33	0.16	1.38	345.91
600.00	0.35	336.58	599.99	-1.86	1.89	-0.61	0.03	1.99	342.23
700.00	0.26	348.80	699.99	-2.35	2.39	-0.77	0.11	2.52	342.13
800.00	0.46	346.11	799.99	-2.96	3.01	-0.91	0.20	3.14	343.12
900.00	0.98	171.10	899.99	-2.51	2.55	-0.88	1.44	2.70	341.05



Scientific
Drilling

Scientific Drilling International Survey Report

Company: MACK ENERGY
Field: Empire
Site: Eddy County, NM
Well: Continental A State #11
Wellpath: DH - Job #32D0806637

Date: 10/10/2006 Time: 22:02:30 Page: 1
Co-ordinate(NE) Reference: Site: Eddy County, NM, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,182.73Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: 08/16/06-08/25/06
MWD 820'-5557'

Start Date: 08/16/2006

Company: Scientific Drilling Internatio
Tool: MWD;MWD

Engineer: Calvert/Rustman/Cevallos/Boyd
Tied-to: From: Definitive Path

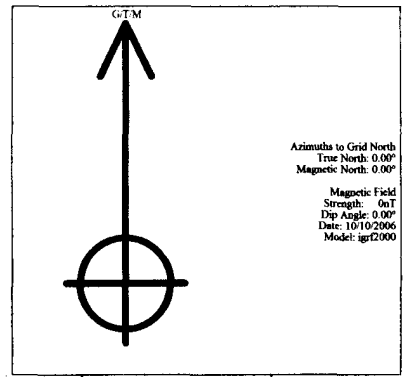
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
800.00	0.46	346.11	799.99	-2.96	3.01	-0.91	0.00	3.14	343.12
820.00	0.38	1.14	819.99	-3.10	3.15	-0.93	0.68	3.28	343.55
914.00	1.89	164.00	913.98	-1.95	1.97	-0.50	2.40	2.03	345.87
1006.00	5.17	169.90	1005.79	3.53	-3.57	0.65	3.58	3.63	169.69
1099.00	5.83	171.70	1098.36	12.26	-12.37	2.07	0.73	12.54	170.52
1192.00	8.22	173.30	1190.66	23.45	-23.65	3.52	2.58	23.91	171.53
1287.00	10.76	176.10	1284.35	38.96	-39.24	4.92	2.72	39.55	172.86
1379.00	11.46	179.10	1374.63	56.61	-56.95	5.65	0.99	57.23	174.34
1472.00	11.04	189.00	1465.85	74.69	-74.98	4.40	2.12	75.11	176.64
1566.00	11.22	192.77	1558.08	92.64	-92.79	0.97	0.80	92.80	179.40
1659.00	11.73	188.78	1649.22	110.95	-110.96	-2.47	1.01	110.99	181.28
1750.00	9.98	188.20	1738.59	128.00	-127.91	-5.01	1.93	128.00	182.24
1843.00	11.08	183.60	1830.02	144.96	-144.80	-6.72	1.49	144.96	182.66
1937.00	9.50	183.30	1922.51	161.75	-161.56	-7.73	1.68	161.75	182.74
2031.00	9.76	182.10	2015.18	177.47	-177.27	-8.47	0.35	177.47	182.74
2122.00	10.89	184.70	2104.71	193.78	-193.54	-9.46	1.34	193.78	182.80
2215.00	8.75	183.00	2196.34	209.63	-209.37	-10.55	2.32	209.63	182.88
2309.00	5.34	192.40	2289.62	221.10	-220.78	-11.86	3.82	221.10	183.08
2404.00	2.25	212.40	2384.41	227.08	-226.68	-13.81	3.49	227.10	183.49
2497.00	1.35	15.38	2477.39	227.59	-227.16	-14.50	3.83	227.62	183.65
2589.00	1.66	16.99	2569.36	225.24	-224.84	-13.82	0.34	225.27	183.52
2679.00	1.38	35.02	2659.32	223.06	-222.71	-12.82	0.61	223.08	183.29
2772.00	1.49	29.29	2752.29	221.04	-220.74	-11.59	0.19	221.04	183.00
2835.00	1.59	31.48	2815.27	219.54	-219.28	-10.73	0.18	219.54	182.80
2927.00	0.73	112.06	2907.26	218.61	-218.41	-9.52	1.78	218.61	182.50
3020.00	0.52	126.30	3000.25	219.04	-218.88	-8.63	0.28	219.05	182.26
3115.00	0.67	125.80	3095.25	219.58	-219.46	-7.83	0.16	219.60	182.04
3208.00	1.68	313.60	3188.24	218.99	-218.84	-8.38	2.52	219.00	182.19
3305.00	1.29	319.60	3285.20	217.26	-217.03	-10.12	0.43	217.26	182.67
3399.00	1.19	317.70	3379.18	215.80	-215.50	-11.46	0.12	215.80	183.04
3524.00	0.86	327.20	3504.16	214.12	-213.75	-12.84	0.30	214.13	183.44
3617.00	0.63	331.70	3597.15	213.11	-212.71	-13.46	0.26	213.14	183.62
3742.00	0.60	302.70	3722.15	212.20	-211.75	-14.34	0.25	212.24	183.87
3865.00	0.91	277.10	3845.14	211.80	-211.28	-15.85	0.37	211.88	184.29
4052.00	0.47	350.06	4032.12	210.94	-210.35	-17.46	0.48	211.07	184.74
4176.00	1.57	70.86	4156.11	209.81	-209.29	-15.94	1.26	209.89	184.36
4274.00	1.74	57.59	4254.07	208.45	-208.05	-13.41	0.43	208.48	183.69
4400.00	1.58	60.94	4380.01	206.44	-206.18	-10.28	0.15	206.44	182.85
4525.00	0.61	12.36	4504.99	204.87	-204.69	-8.63	1.01	204.88	182.41
4649.00	0.95	231.30	4628.99	204.90	-204.69	-9.29	1.19	204.90	182.60
4774.00	0.40	285.60	4753.98	205.49	-205.22	-10.52	0.63	205.49	182.94
4898.00	0.42	357.10	4877.98	204.94	-204.65	-10.96	0.39	204.95	183.07
5026.00	0.84	344.20	5005.97	203.59	-203.28	-11.24	0.34	203.59	183.17
5142.00	0.20	101.20	5121.96	202.81	-202.50	-11.27	0.82	202.82	183.19
5267.00	0.88	34.06	5246.96	202.02	-201.75	-10.52	0.66	202.02	182.99
5455.00	0.95	134.10	5434.94	201.82	-201.64	-8.59	0.75	201.82	182.44
5501.00	1.36	119.10	5480.93	202.31	-202.17	-7.84	1.10	202.32	182.22
5557.00	1.86	100.84	5536.91	202.74	-202.66	-6.37	1.27	202.76	181.80

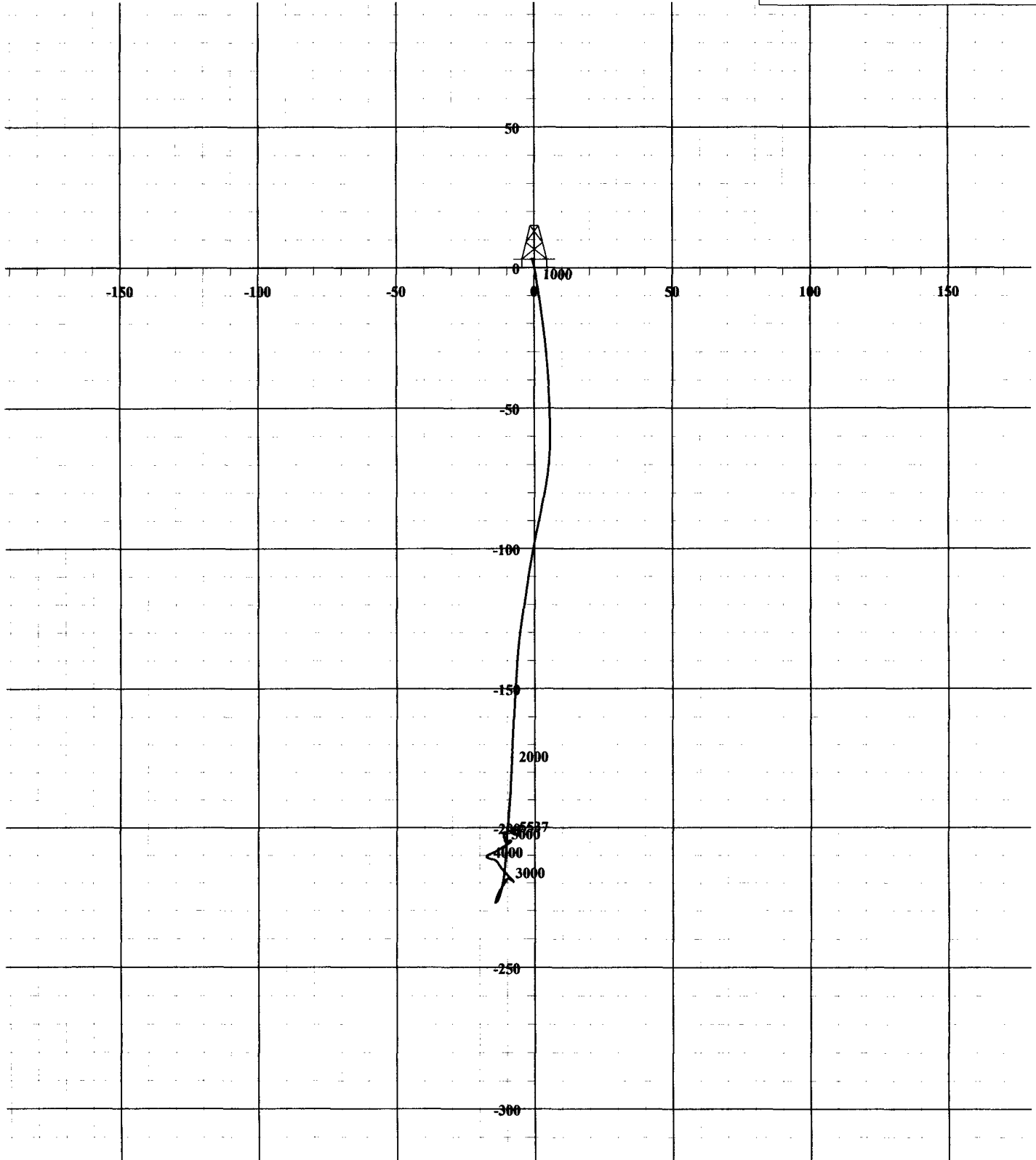


Scientific
Drilling

Field: Empire
Site: Eddy County, NM
Well: Continental A State #11
Wellpath: DH - Job #32D0806637
Survey: 08/16/06-08//25/06



South(-)/North(+) [50ft/in]



West(-)/East(+) [50ft/in]