

Submit 3 Copies To Appropriate District
Office:
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-103
May 27, 2004

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-015-34597
1. Type of Well: Oil Well ☐ Gas Well ☒ Other		5. Indicate Type of Lease STATE ☐ FEE ☒
2. Name of Operator EOG Resources, Inc		6. State Oil & Gas Lease No.
3. Address of Operator P.O. Box 2267 Midland, Texas 79702		7. Lease Name or Unit Agreement Name CONGO B 10 FEE
4. Well Location Unit Letter: H: 2150 feet from the South line and 140 feet from the East line Section 10 Township 16S Range 25E NMPM County: Eddy		8. Well Number 1H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3452		9. OGRID Number 7377
Pit or Below-grade Tank Application ☐ or Closure ☐		
Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____		
Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____		

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☒	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☒	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
OTHER: ☐		OTHER: ☐	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

AMEND CASING PROGRAM, CEMENT PROGRAM & MUD PROGRAM. See Exhibit "A" attached hereto.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Donny G. Glanton TITLE: Agent DATE 9/1/2006

Type or print name E-mail address: donny_glanton@eogresources.com Telephone No. (432) 686-3642

For State Use Only

BRYAN G. ARANT

APPROVED BY: DISTRICT II GEOLOGIST TITLE: _____ DATE SEP 05 2006

Conditions of Approval (if any):

EXHIBIT "A"

Permit Information:

Well Name: Congo B 10 Fee #1H

Revised 9/1/06

Location:

SL 2150' FSL & 140' FEL, Section 10, T-16-S, R-25-E, Eddy Co., N.M.

BHL 1880' FSL & 660' FWL, Section 10, T-16-S, R-25-E, Eddy Co., N.M.

Casing Program:

Casing	Setting Depth	Hole Size	Casing Size	Casing Weight	Casing Grade	Desired TOC
Surface	900'	12-1/4"	8-5/8"	32#	J-55	Surface
Production	9,223'	7-7/8"	5 1/2"	17#	N-80	Surface

Cement Program:

Depth	No. Sacks	Slurries:
900'	150	Lead: Premium Plus + 2% CaCl ₂ + 3% Econolite + 1/4 pps Flocele
	175	Tail: Premium Plus + 2% CaCl ₂ + 1/4 pps Flocele
9,223'	400	Lead: Interfill C + 1/4 pps Flocele
	350	Tail: Premium Cement + 100% Acid Soluble Additive + 0.6% Halad®-344 + 0.8% Econolite + 0.2% HR-55

Mud Program:

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 - 900'	Fresh - Gel	8.6-8.8	28-34	N/c
900' - 4,340'	Cut Brine	8.8-9.2	28-34	N/c
4,340' - 9,223'	Polymer (Lateral)	9.0-9.4	40-45	10-20

EOG Resources Inc.

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well Congo B 10 Fee #1H
Company:	EOG - Midland (3)	TVD Reference:	WELL @ 3467.00ft (Original Well Elev)
Project:	Thames	MD Reference:	WELL @ 3467.00ft (Original Well Elev)
Site:	Congo B 10 Fee #1H	North Reference:	Grid
Well:	Congo B 10 Fee #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Congo B 10 Fee #1H		
Design:	Plan #2		

Project	Thames		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Ground Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site	Congo B 10 Fee #1H		
Site Position:		Northing:	704,197.00 ft
From:	Map	Easting:	459,827.00 ft
Position Uncertainty:	0.00 ft	Slot Radius:	"
		Latitude:	32° 56' 9.039 N
		Longitude:	104° 27' 51.383 W
		Grid Convergence:	-0.07 °

Well	Congo B 10 Fee #1H		
Well Position	+N-S 0.00 ft	Northing:	704,197.00 ft
	+E-W 0.00 ft	Easting:	459,827.00 ft
Position Uncertainty	0.00 ft	Wellhead Elevation:	ft
		Latitude:	32° 56' 9.039 N
		Longitude:	104° 27' 51.383 W
		Ground Level:	3,452.00 ft

Wellbore	Congo B 10 Fee #1H				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2000	12/31/2004	9.03	60.93	49,743

Design	Plan #2				
Audit Notes:					
Version:	Phase:	PROTOTYPE		Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)		Direction (°)
	0.00	0.00	0.00		267.87

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,340.00	0.00	0.00	4,340.00	0.00	0.00	0.00	0.00	0.00	0.00	
5,219.65	90.00	249.00	4,900.00	-200.69	-522.81	10.23	10.23	0.00	249.00	
5,497.65	90.00	271.24	4,900.00	-248.09	-794.97	8.00	0.00	8.00	90.00	
6,696.05	90.00	271.24	4,900.00	-222.15	-1,993.09	0.00	0.00	0.00	0.00	
6,762.69	92.00	271.23	4,898.84	-220.72	-2,059.70	3.00	3.00	-0.02	-0.33	
9,223.00	92.00	271.23	4,813.00	-168.00	-4,517.95	0.00	0.00	0.00	0.00	
9,223.05	92.00	271.23	4,813.00	-168.00	-4,518.00	3.00	1.22	2.74	65.99	BHL (Congo B 10 #

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Company:	EOG - Midland (3)	TVD Reference:	WELL @ 3467.00ft (Original Well Elev)
Project:	Thames	MD Reference:	WELL @ 3467.00ft (Original Well Elev)
Site:	Congo B 10 Fee #1H	North Reference:	Grid
Well:	Congo B 10 Fee #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Congo B 10 Fee #1H		
Design:	Plan #2		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00	
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00	
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00	
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00	
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00	
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,600.00	0.00	0.00	2,600.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,700.00	0.00	0.00	2,700.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,800.00	0.00	0.00	2,800.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,900.00	0.00	0.00	2,900.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,000.00	0.00	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,100.00	0.00	0.00	3,100.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,200.00	0.00	0.00	3,200.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,300.00	0.00	0.00	3,300.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,400.00	0.00	0.00	3,400.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,500.00	0.00	0.00	3,500.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,600.00	0.00	0.00	3,600.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,700.00	0.00	0.00	3,700.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,800.00	0.00	0.00	3,800.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,900.00	0.00	0.00	3,900.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,000.00	0.00	0.00	4,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,100.00	0.00	0.00	4,100.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,200.00	0.00	0.00	4,200.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,300.00	0.00	0.00	4,300.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,340.00	0.00	0.00	4,340.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,400.00	6.14	249.00	4,399.89	-1.15	-3.00	3.04	10.23	10.23	0.00	
4,500.00	16.37	249.00	4,497.83	-8.14	-21.19	21.48	10.23	10.23	0.00	
4,600.00	26.60	249.00	4,590.76	-21.24	-55.34	56.09	10.23	10.23	0.00	
4,700.00	36.83	249.00	4,675.71	-40.06	-104.36	105.78	10.23	10.23	0.00	
4,800.00	47.06	249.00	4,749.99	-63.98	-166.68	168.95	10.23	10.23	0.00	
4,900.00	57.30	249.00	4,811.22	-92.25	-240.33	243.59	10.23	10.23	0.00	
5,000.00	67.53	249.00	4,857.47	-123.97	-322.97	327.35	10.23	10.23	0.00	
5,100.00	77.76	249.00	4,887.27	-158.13	-411.95	417.55	10.23	10.23	0.00	
5,200.00	87.99	249.00	4,899.66	-193.65	-504.47	511.32	10.23	10.23	0.00	

EOG Resources Inc.

Planning Report

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Project:	Thames	MD Reference:	WELL @ 3467.00ft (Original Well Elev)
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Well:	Congo B 10 Fee #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Congo B 10 Fee #1H		
Design:	Plan #2		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,219.65	90.00	249.00	4,900.00	-200.69	-522.81	529.90	10.23	10.23	0.00
5,300.00	90.00	255.43	4,900.00	-225.22	-599.28	607.23	8.00	0.00	8.00
5,400.00	90.00	263.43	4,900.00	-243.55	-697.50	706.07	8.00	0.00	8.00
5,497.65	90.00	271.24	4,900.00	-248.09	-794.97	803.64	8.00	0.00	8.00
5,500.00	90.00	271.24	4,900.00	-248.04	-797.32	805.99	0.00	0.00	0.00
5,600.00	90.00	271.24	4,900.00	-245.87	-897.30	905.81	0.00	0.00	0.00
5,700.00	90.00	271.24	4,900.00	-243.71	-997.27	1,005.64	0.00	0.00	0.00
5,800.00	90.00	271.24	4,900.00	-241.54	-1,097.25	1,105.47	0.00	0.00	0.00
5,900.00	90.00	271.24	4,900.00	-239.38	-1,197.23	1,205.29	0.00	0.00	0.00
6,000.00	90.00	271.24	4,900.00	-237.22	-1,297.20	1,305.12	0.00	0.00	0.00
6,100.00	90.00	271.24	4,900.00	-235.05	-1,397.18	1,404.95	0.00	0.00	0.00
6,200.00	90.00	271.24	4,900.00	-232.89	-1,497.16	1,504.78	0.00	0.00	0.00
6,300.00	90.00	271.24	4,900.00	-230.72	-1,597.13	1,604.60	0.00	0.00	0.00
6,400.00	90.00	271.24	4,900.00	-228.56	-1,697.11	1,704.43	0.00	0.00	0.00
6,500.00	90.00	271.24	4,900.00	-226.40	-1,797.09	1,804.26	0.00	0.00	0.00
6,600.00	90.00	271.24	4,900.00	-224.23	-1,897.06	1,904.08	0.00	0.00	0.00
6,696.05	90.00	271.24	4,900.00	-222.15	-1,993.09	1,999.96	0.00	0.00	0.00
6,700.00	90.12	271.24	4,900.00	-222.07	-1,997.04	2,003.91	3.00	3.00	-0.02
6,762.69	92.00	271.23	4,898.84	-220.72	-2,059.70	2,066.48	3.00	3.00	-0.02
6,800.00	92.00	271.23	4,897.54	-219.92	-2,096.98	2,103.70	0.00	0.00	0.00
6,900.00	92.00	271.23	4,894.05	-217.78	-2,196.90	2,203.47	0.00	0.00	0.00
7,000.00	92.00	271.23	4,890.56	-215.63	-2,296.81	2,303.24	0.00	0.00	0.00
7,100.00	92.00	271.23	4,887.07	-213.49	-2,396.73	2,403.01	0.00	0.00	0.00
7,200.00	92.00	271.23	4,883.58	-211.35	-2,496.64	2,502.77	0.00	0.00	0.00
7,300.00	92.00	271.23	4,880.09	-209.21	-2,596.56	2,602.54	0.00	0.00	0.00
7,400.00	92.00	271.23	4,876.60	-207.06	-2,696.48	2,702.31	0.00	0.00	0.00
7,500.00	92.00	271.23	4,873.11	-204.92	-2,796.39	2,802.08	0.00	0.00	0.00
7,600.00	92.00	271.23	4,869.63	-202.78	-2,896.31	2,901.84	0.00	0.00	0.00
7,700.00	92.00	271.23	4,866.14	-200.63	-2,996.22	3,001.61	0.00	0.00	0.00
7,800.00	92.00	271.23	4,862.65	-198.49	-3,096.14	3,101.38	0.00	0.00	0.00
7,900.00	92.00	271.23	4,859.16	-196.35	-3,196.06	3,201.15	0.00	0.00	0.00
8,000.00	92.00	271.23	4,855.67	-194.21	-3,295.97	3,300.91	0.00	0.00	0.00
8,100.00	92.00	271.23	4,852.18	-192.06	-3,395.89	3,400.68	0.00	0.00	0.00
8,200.00	92.00	271.23	4,848.69	-189.92	-3,495.81	3,500.45	0.00	0.00	0.00
8,300.00	92.00	271.23	4,845.20	-187.78	-3,595.72	3,600.22	0.00	0.00	0.00
8,400.00	92.00	271.23	4,841.71	-185.64	-3,695.64	3,699.98	0.00	0.00	0.00
8,500.00	92.00	271.23	4,838.23	-183.49	-3,795.55	3,799.75	0.00	0.00	0.00
8,600.00	92.00	271.23	4,834.74	-181.35	-3,895.47	3,899.52	0.00	0.00	0.00
8,700.00	92.00	271.23	4,831.25	-179.21	-3,995.39	3,999.29	0.00	0.00	0.00
8,800.00	92.00	271.23	4,827.76	-177.06	-4,095.30	4,099.05	0.00	0.00	0.00
8,900.00	92.00	271.23	4,824.27	-174.92	-4,195.22	4,198.82	0.00	0.00	0.00
9,000.00	92.00	271.23	4,820.78	-172.78	-4,295.13	4,298.59	0.00	0.00	0.00
9,100.00	92.00	271.23	4,817.29	-170.64	-4,395.05	4,398.36	0.00	0.00	0.00
9,200.00	92.00	271.23	4,813.80	-168.49	-4,494.97	4,498.12	0.00	0.00	0.00
9,223.05	92.00	271.23	4,813.00	-168.00	-4,518.00	4,521.12	0.01	0.00	0.01

EOG Resources Inc.

Planning Report

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Company:	EOG - Midland (3)	TVD Reference:	WELL @ 3467.00ft (Original Well Elev)
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Well:	Congo B 10 Fee #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Congo B 10 Fee #1H		
Design:	Plan #2		

Targets									
Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- hit/miss target	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)		
- Shape									
BHL (Congo B 10 #1H)	0.00	0.00	4,813.00	-168.00	-4,518.00	704,029.00	455,309.00	32° 56' 7.318 N	104° 28' 44.394 W
- plan hits target									
- Point									
PP (Congo B 10 Fee #1H)	0.00	0.00	4,950.00	-258.00	-517.00	703,939.00	459,310.00	32° 56' 6.479 N	104° 27' 57.446 W
- plan misses by 76.28ft at 5219.65ft MD (4900.00 TVD, -200.69 N, -522.81 E)									
- Point									

SITE DETAILS: Congo B 10 Fee #1H

Site Centre Northing: 704197.00
Easting: 459827.00

Positional Uncertainty: 0.00
Convergence: -0.07
Local North: Grid

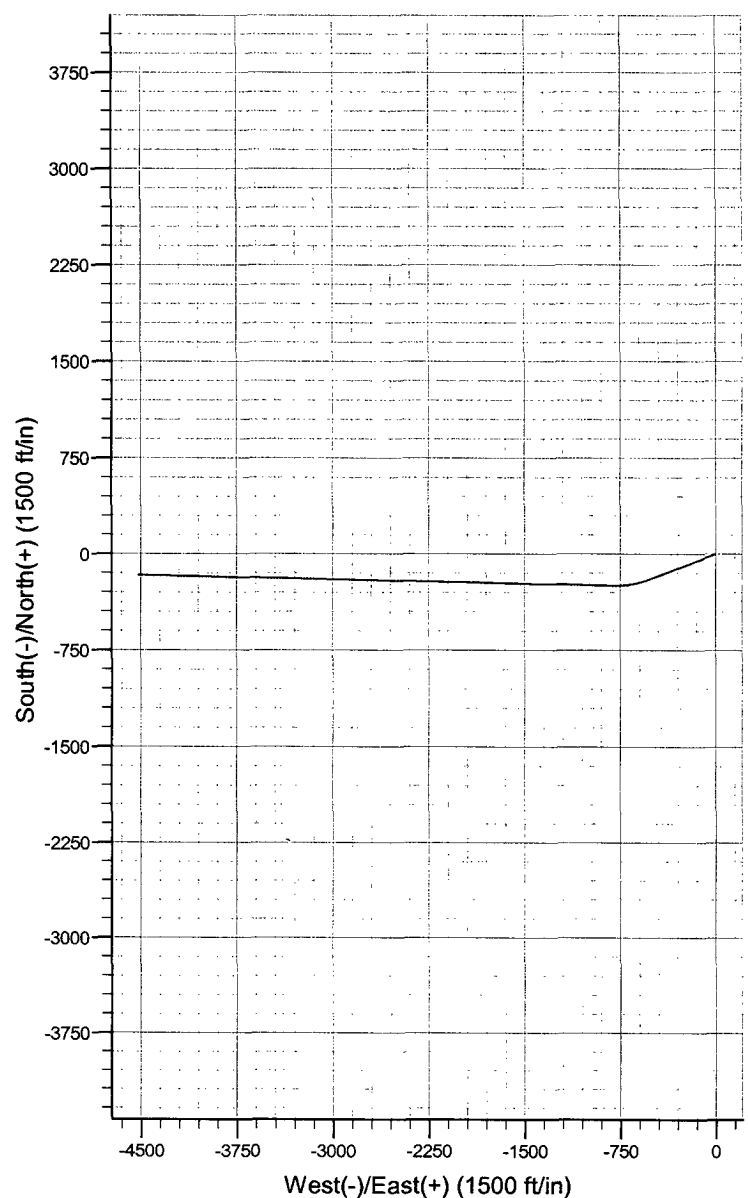
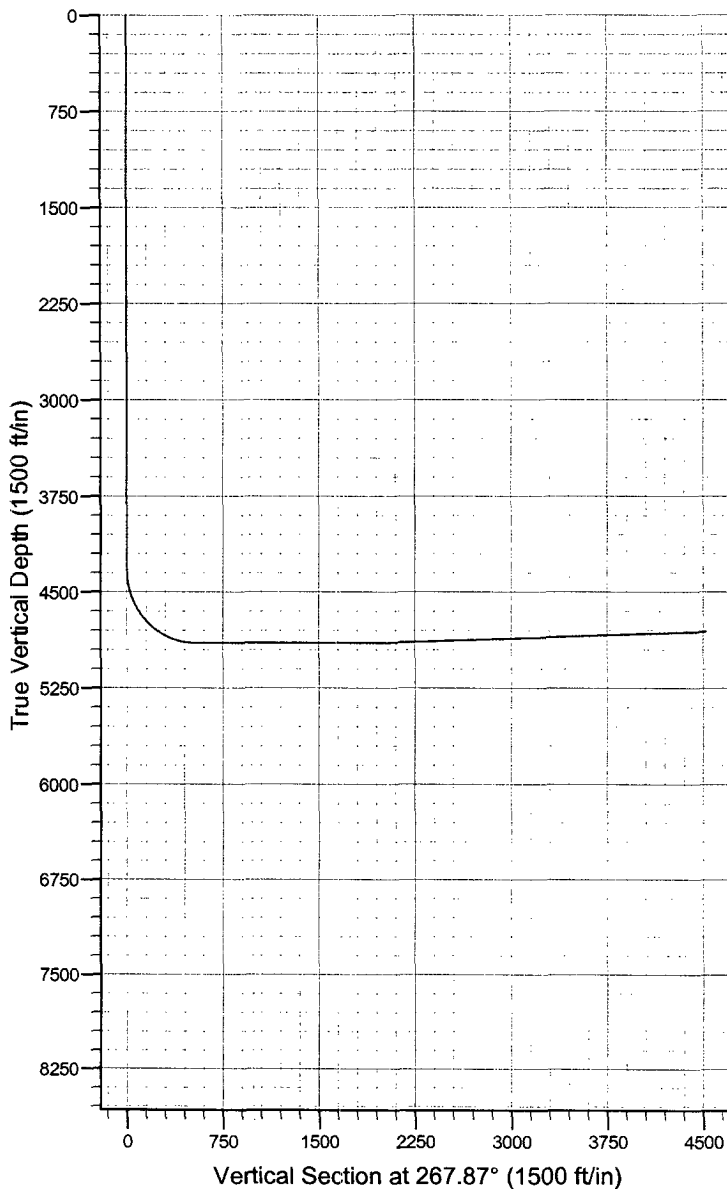
PROJECT DETAILS: Thames

Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: New Mexico East 3001

System Datum: Ground Level

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	DLegT	Face	VSec	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4340.00	0.00	0.00	340.00	0.00	0.00	0.00	0.00	0.00	
5219.65	90.00	249.00	900.00	-200.69	-522.81	10.23	249.00	529.90	
5497.65	90.00	271.24	900.00	-248.09	-794.97	8.00	90.00	803.64	
6696.05	90.00	271.24	900.00	-222.15	-1993.09	0.00	0.00	999.96	
6762.69	92.00	271.23	898.84	-220.72	-2059.70	3.00	-0.32	2066.48	
9223.00	92.00	271.23	813.00	-168.00	-4517.95	0.00	0.00	4521.07	
9223.05	92.00	271.23	813.00	-168.00	-4518.00	3.00	65.99	4521.12	BHL (Congo B 10 #1H)



Permit Information:

Well Name: Congo B 10 Fee #1H

*Original***Location:**

SL 2150' FSL & 140' FEL, Section 10, T-16-S, R-25-E, Eddy Co., N.M.

BHL 1880' FSL & 660' FWL, Section 10, T-16-S, R-25-E, Eddy Co., N.M.

Casing Program:

Casing	Setting Depth	Hole Size	Casing Size	Casing Weight	Casing Grade	Desired TOC
Surface	900'	9-7/8"	7"	23#	J-55	Surface
Production	9,314'	6-1/8"	4 1/2"	11.6#	P-110	Surface

Cement Program:

Depth	No. Sacks	Slurries:
900'	150	Lead: Premium Plus + 2% CaCl ₂ + 3% Econolite + 1/4 pps Flocele
	175	Tail: Premium Plus + 2% CaCl ₂ + 1/4 pps Flocele
9,314'	400	Lead: Interfill C + 1/4 pps Flocele
	400	Tail: Premium Cement + 100% Acid Soluble Additive + 0.6% Halad®-344 + 0.8% Econolite + 0.2% HR-55

Mud Program:

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 – 900'	Fresh - Gel	8.6-8.8	28-34	N/c
900' – 4,400'	Cut Brine	8.8-9.2	28-34	N/c
4,400' – 5,100'	Cut Brine	8.8-9.2	28-34	10-15
4,468' – 9,314'	Polymer (Lateral)	9.0-9.4	40-45	10-20