

SEP 22 2008

OCD-ARTESIA

Form 3160-4
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No 1004-0137
Expires July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5 Lease Serial No.
NMLC029420A

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other			6. If Indian, Allottee or Tribe Name		
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff Resvr. Other _____			7 Unit or CA Agreement Name and No.		
2 Name of Operator COG OPERATING LLC			Contact. KANICIA CARRILLO E-Mail. kcarrillo@conchoresources.com		
3. Address 550 WEST TEXAS AVE STE 1300 MIDLAND, TX 79701			3a. Phone No. (include area code) Ph: 432-685-4332		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Lot F 2310FNL 1890FWL 32 83539 N Lat, 103.85942 W Lon At top prod interval reported below Lot F 2310FNL 1890FWL 32.83539 N Lat, 103.85942 W Lon At total depth Lot F 2101FNL 1459FWL			8 Lease Name and Well No SKELLY UNIT 968		
14 Date Spudded 07/08/2008			15. Date T.D. Reached 07/13/2008		
16. Date Completed ☐ D & A ☒ Ready to Prod. 08/11/2008			9. API Well No. 30-015-35816		
18 Total Depth MD 6566 TVD 6547			19. Plug Back T D.. MD 6035 TVD		
20 Depth Bridge Plug Set: MD TVD			17 Elevations (DF, KB, RT, GL)* 3876 GL		
21 Type Electric & Other Mechanical Logs Run (Submit copy of each) COMPENSATED NEUTRON CCL			22 Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit analysis) Directional Survey? ☒ No ☐ Yes (Submit analysis)		

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 Sks & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 500	13 375 H40	48.0		448		500		0	185
11 000	8 625 J55	32.0		1809		700		0	248
7 875	5.500 L80	17 0		6566		500		0	54

24 Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 875	5450							

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf. Status
A) YESO	5550	5630	5550 TO 5630	0.410	36	OPEN
B) YESO	5800	6000	5800 TO 6000	0.410	36	OPEN
C) YESO	6070	6270	6070 TO 6270	0.410	48	OPEN
D)						

27 Acid, Fracture, Treatment, Cement Squeeze, Etc

Depth Interval	Amount and Type of Material
5550 TO 5630	ACIDIZE W/2,500 GALS ACID FRAC W/126,000 GALS GEL, 145,274# 16/30 SAND, 29,543# SIBERPROP SAND
5800 TO 6000	ACIDIZE W/2,500 GALS ACID FRAC W/122,000 GALS GEL, 145,785# 16/30 SAND, 30,514# SIBERPROP SAND
6070 TO 6270	ACIDIZE W/2,500 GALS ACID FRAC W/126,000 GALS GEL, 145,274# 16/30 SAND, 29,543# SIBERPROP SAND

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
08/14/2008	08/22/2008	24	→	46 0	138 0	225 0	36.6		ELECTRIC PUMPING UNIT
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→					POW	

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	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)

ELECTRONIC SUBMISSION #63060 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

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.)
SOLD

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

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas Depth
YATES	1170				
7 RIVERS	1450				
QUEEN	2050				
YESO	4280				
TUBB	5750				

32. Additional remarks (include plugging procedure)
Logs will be mailed.

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 (see attached instructions):

Electronic Submission #63060 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Carlsbad

Name (please print) KANICIA CARRILLOTitle PREPARER

Signature _____ (Electronic Submission)

Date 09/15/2008

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.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

State of New Mexico

DISTRICT I

1625 N. FRENCH DR., HOBBS, NM 88240

Energy, Minerals and Natural Resources Department

DISTRICT II

1301 W. GRAND AVENUE, ARTESIA, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

OIL CONSERVATION DIVISION

1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-35816	Pool Code 26770	Pool Name Fren;Glorieta-Yeso	
Property Code 305607	Property Name SKELLY UNIT	Well Number 968	
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3876'	

Surface Location

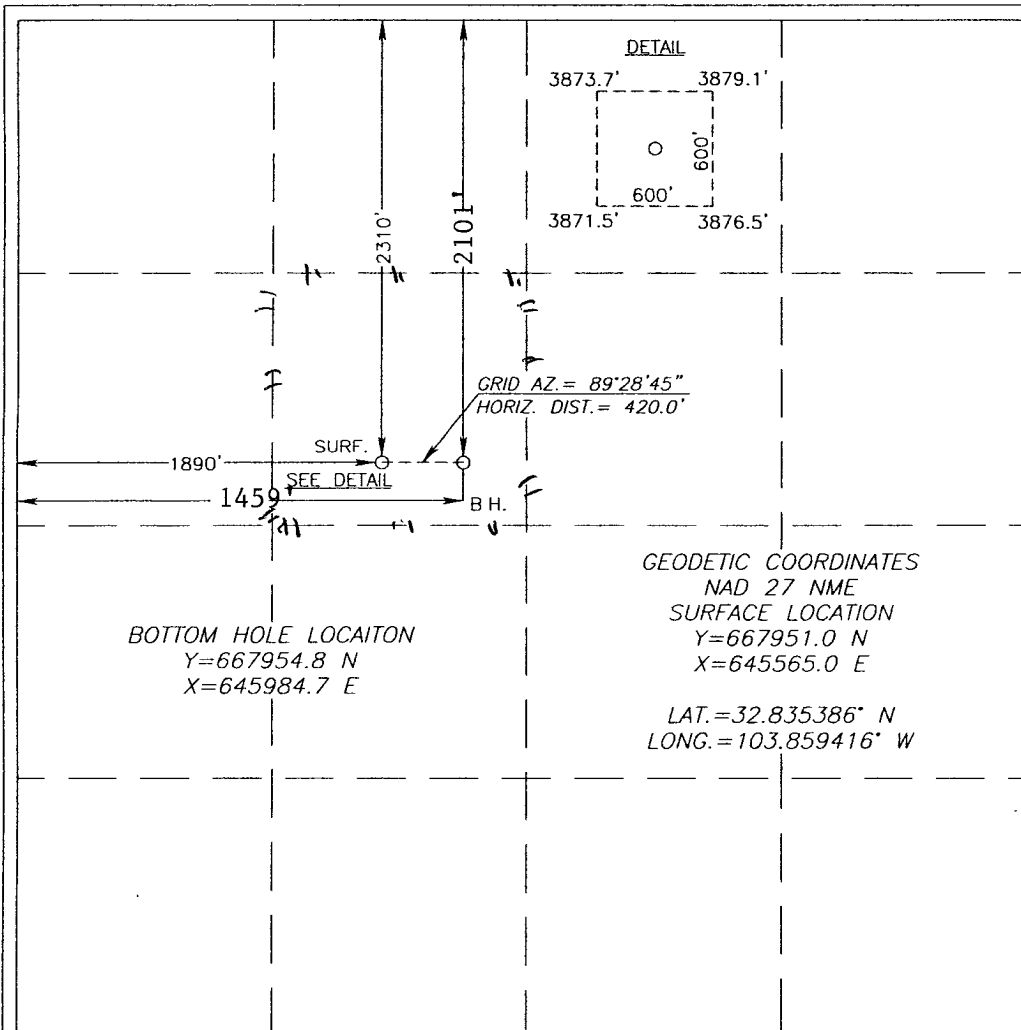
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	15	17-S	31-E		2310	NORTH	1890	WEST	EDDY

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
F	15	17-S	31-E		2101	NORTH	1459	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40			

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



OPERATOR CERTIFICATION

I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

09/09/08
Signature Date
Kanicia Carrillo
Printed Name

SURVEYOR CERTIFICATION

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.

Date Surveyed: 09/09/08
Signature & Seal of Professional Surveyor
3239
Certificate No. GARY EIDSON 12641
RONALD J. EIDSON 3239

COG Operating

Eddy County, NM (NAN27 NME)

Skelly Unit #968

Skelly Unit #968

OH

Design: Actual

Standard Survey Report

23 July, 2008



Scientific Drilling

Survey Report



Company:	COG Operating	Local Co-ordinate Reference:	Well Skelly Unit #968
Project:	Eddy County, NM (NAN27 NME)	TVD Reference:	Ground Elev @ 3876 00ft (Rig Silver Oak #1)
Site:	Skelly Unit #968	MD Reference:	Ground Elev @ 3876 00ft (Rig Silver Oak #1)
Well:	Skelly Unit #968	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Actual	Database:	EDM 2003 16 Single User Db

Project	Eddy County, NM (NAN27 NME)		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site	Skelly Unit #968		
Site Position:		Northing:	667,951 000 ft
From:	Map	Easting:	645,565 000 ft
Position Uncertainty:	0 00 ft	Slot Radius:	"
		Latitude:	32° 50' 7 389 N
		Longitude:	103° 51' 33 898 W
		Grid Convergence:	0 26 °

Well	Skelly Unit #968		
Well Position	+N/-S	0 00 ft	Northing: 667,951 000 ft
	+E/-W	0 00 ft	Easting: 645,565 000 ft
Position Uncertainty		0 00 ft	Wellhead Elevation: ft
			Latitude: 32° 50' 7 389 N
			Longitude: 103° 51' 33 898 W
			Ground Level: 3,876 00 ft

Wellbore	OH		
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Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	7/23/2008	8 10	60 79	49,264

Design	Actual			
Audit Notes:				
Version:	1 0	Phase:	ACTUAL	Tie On Depth: 0 00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0 00	0 00	0 00	89 48

Survey Program		Date 7/23/2008	
From (ft)	To (ft)	Survey (Wellbore)	Tool Name
100 00	1,776 00	GYRO (OH)	Keeper
1,848 00	6,566 00	MWD (OH)	MWD
			Description
			Standard Wireline Keeper ver 1 0 2
			MWD - Standard

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 52	152 22	100 00	-0 40	0 21	0 21	0 52	0 52	0 00
200 00	0 37	141 50	200 00	-1 06	0 62	0 61	0 17	-0 15	-10 72
300 00	0 35	145 47	299 99	-1 56	1 00	0 98	0 03	-0 02	3 97
400 00	0 40	150 39	399 99	-2 12	1 34	1 32	0 06	0 05	4 92
500 00	0 43	146 61	499 99	-2 73	1 72	1 70	0 04	0 03	-3 78
600 00	0 35	152 69	599 99	-3 32	2 07	2 04	0 09	-0 08	6 08
700 00	0 44	166 01	699 98	-3 96	2 30	2 27	0 13	0 09	13 32
800 00	0 45	159 45	799 98	-4 70	2 53	2 49	0 05	0 01	-6 56
900 00	0 26	166 13	899 98	-5 29	2 73	2 68	0 19	-0 19	6 68
1,000 00	0 45	146 31	999 98	-5 84	3 00	2 94	0 22	0 19	-19 82
1,100 00	0 58	75 82	1,099 97	-6 04	3 71	3 65	0 60	0 13	-70 49

Scientific Drilling

Survey Report



Company:	COG Operating	Local Co-ordinate Reference:	Well Skelly Unit #968
Project:	Eddy County, NM (NAN27 NME)	TVD Reference:	Ground Elev @ 3876 00ft (Rig Silver Oak #1)
Site:	Skelly Unit #968	MD Reference:	Ground Elev @ 3876 00ft (Rig Silver Oak #1)
Well:	Skelly Unit #968	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Actual	Database:	EDM 2003 16 Single User Db

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)
1,200 00	1 11	78 58	1,199 96	-5 72	5 15	5 09	0 53	0 53	2 76
1,300 00	0 96	88 41	1,299 95	-5 51	6 93	6 88	0 23	-0 15	9 83
1,400 00	1 48	90 56	1,399 92	-5 50	9 06	9 01	0 52	0 52	2 15
1,500 00	1 63	73 39	1,499 89	-5 10	11 72	11 67	0 49	0 15	-17 17
1,600 00	1 76	80 11	1,599 84	-4 43	14 59	14 55	0 24	0 13	6 72
1,700 00	1 80	80 71	1,699 80	-3 92	17 65	17 62	0 04	0 04	0 60
1,776 00	1 50	90 89	1,775 76	-3 74	19 83	19 79	0 55	-0 39	13 39
Last gyro survey									
1,848 00	1 01	89 96	1,847 75	-3 75	21 40	21 37	0 68	-0 68	-1 29
1,910 00	2 51	98 76	1,909 72	-3 96	23 29	23 26	2 45	2 42	14 19
2,004 00	4 17	103 95	2,003 55	-5 10	28 64	28 60	1 79	1 77	5 52
2,067 00	4 99	110 56	2,066 35	-6 61	33 43	33 37	1 55	1 30	10 49
2,160 00	4 69	104 17	2,159 02	-8 96	40 91	40 82	0 66	-0 32	-6 87
2,223 00	5 46	98 20	2,221 77	-10 02	46 37	46 28	1 48	1 22	-9 48
2,285 00	5 97	88 49	2,283 47	-10 36	52 51	52 42	1 76	0 82	-15 66
2,348 00	4 99	86 22	2,346 18	-10 09	58 52	58 43	1 59	-1 56	-3 60
2,410 00	4 28	86 69	2,407 97	-9 78	63 52	63 43	1 15	-1 15	0 76
2,473 00	4 95	85 79	2,470 77	-9 44	68 58	68 49	1 07	1 06	-1 43
2,536 00	4 71	87 04	2,533 55	-9 11	73 87	73 79	0 42	-0 38	1 98
2,598 00	5 21	87 57	2,595 31	-8 86	79 23	79 14	0 81	0 81	0 85
2,661 00	4 84	90 70	2,658 07	-8 77	84 74	84 66	0 73	-0 59	4 97
2,754 00	5 49	89 93	2,750 69	-8 81	93 12	93 03	0 70	0 70	-0 83
2,848 00	5 84	86 54	2,844 23	-8 52	102 39	102 30	0 51	0 37	-3 61
2,942 00	5 05	87 47	2,937 81	-8 05	111 29	111 21	0 85	-0 84	0 99
3,036 00	4 93	90 38	3,031 45	-7 89	119 46	119 39	0 30	-0 13	3 10
3,129 00	5 14	83 37	3,124 10	-7 44	127 60	127 53	0 70	0 23	-7 54
3,223 00	4 91	83 53	3,217 73	-6 50	135 78	135 71	0 25	-0 24	0 17
3,317 00	4 79	83 72	3,311 40	-5 61	143 68	143 62	0 13	-0 13	0 20
3,411 00	4 54	89 32	3,405 09	-5 14	151 30	151 25	0 55	-0 27	5 96
3,504 00	4 26	85 26	3,497 81	-4 81	158 42	158 37	0 45	-0 30	-4 37
3,598 00	5 47	86 96	3,591 47	-4 29	166 37	166 33	1 30	1 29	1 81
3,692 00	4 97	86 42	3,685 08	-3 79	174 91	174 87	0 53	-0 53	-0 57
3,786 00	4 80	84 36	3,778 74	-3 15	182 89	182 85	0 26	-0 18	-2 19
3,878 00	5 90	96 82	3,870 34	-3 34	191 42	191 38	1 73	1 20	13 54
3,971 00	6 75	91 77	3,962 78	-4 07	201 63	201 58	1 09	0 91	-5 43
4,065 00	6 18	80 75	4,056 18	-3 43	212 14	212 10	1 45	-0 61	-11 72
4,128 00	6 23	80 91	4,118 81	-2 34	218 86	218 83	0 08	0 08	0 25
4,221 00	4 29	80 61	4,211 42	-0 98	227 28	227 26	2 09	-2 09	-0 32
4,315 00	4 28	96 72	4,305 16	-0 82	234 23	234 21	1 28	-0 01	17 14
4,410 00	4 25	87 77	4,399 89	-1 09	241 27	241 25	0 70	-0 03	-9 42
4,503 00	4 27	88 03	4,492 64	-0 84	248 17	248 16	0 03	0 02	0 28
4,596 00	3 92	86 57	4,585 40	-0 53	254 81	254 79	0 39	-0 38	-1 57
4,690 00	4 76	84 97	4,679 13	0 00	261 90	261 89	0 90	0 89	-1 70
4,784 00	6 20	88 73	4,772 70	0 46	270 86	270 85	1 58	1 53	4 00
4,877 00	6 33	89 65	4,865 14	0 60	281 01	281 00	0 18	0 14	0 99
4,971 00	5 54	87 03	4,958 64	0 87	290 72	290 72	0 89	-0 84	-2 79
5,065 00	5 59	89 21	5,052 20	1 16	299 83	299 83	0 23	0 05	2 32
5,159 00	5 06	88 30	5,145 79	1 35	308 55	308 55	0 57	-0 56	-0 97
5,253 00	5 06	91 09	5,239 42	1 39	316 84	316 84	0 26	0 00	2 97
5,348 00	5 04	91 27	5,334 05	1 22	325 20	325 20	0 03	-0 02	0 19
5,443 00	3 99	91 78	5,428 76	1 03	332 68	332 67	1 11	-1 11	0 54
5,536 00	4 10	91 57	5,521 53	0 84	339 23	339 23	0 12	0 12	-0 23
5,630 00	3 95	92 75	5,615 29	0 59	345 83	345 82	0 18	-0 16	1 26
5,724 00	4 39	96 90	5,709 05	0 00	352 63	352 62	0 57	0 47	4 41

Scientific Drilling

Survey Report



Company:	COG Operating	Local Co-ordinate Reference:	Well Skelly Unit #968
Project:	Eddy County, NM (NAN27 NME)	TVD Reference:	Ground Elev @ 3876 00ft (Rig Silver Oak #1)
Site:	Skelly Unit #968	MD Reference:	Ground Elev @ 3876 00ft (Rig Silver Oak #1)
Well:	Skelly Unit #968	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Actual	Database:	EDM 2003 16 Single User Db

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)
5,818 00	5 01	96 72	5,802 73	-0 91	360 28	360 26	0 66	0 66	-0 19
5,911 00	5 26	88 84	5,895 36	-1 30	368 57	368 55	0 80	0 27	-8 47
6,005 00	5 20	91 39	5,988 97	-1 32	377 14	377 11	0 26	-0 06	2 71
6,098 00	5 76	81 75	6,081 54	-0 75	385 97	385 95	1 16	0 60	-10 37
6,192 00	6 00	81 46	6,175 05	0 66	395 50	395 49	0 26	0 26	-0 31
6,287 00	5 34	87 42	6,269 58	1 59	404 83	404 82	0 93	-0 69	6 27
6,381 00	5 28	88 94	6,363 18	1 87	413 52	413 52	0 16	-0 06	1 62
6,441 00	5 39	89 34	6,422 92	1 95	419 10	419 10	0 19	0 18	0 67
MWD Survey									
6,491 00	5 39	89 34	6,472 70	2 01	423 79	423 80	0 00	0 00	0 00
Projection to Bit									
6,566 00	5 39	89 34	6,547 37	2 09	430 84	430 84	0 00	0 00	0 00
Rathole									

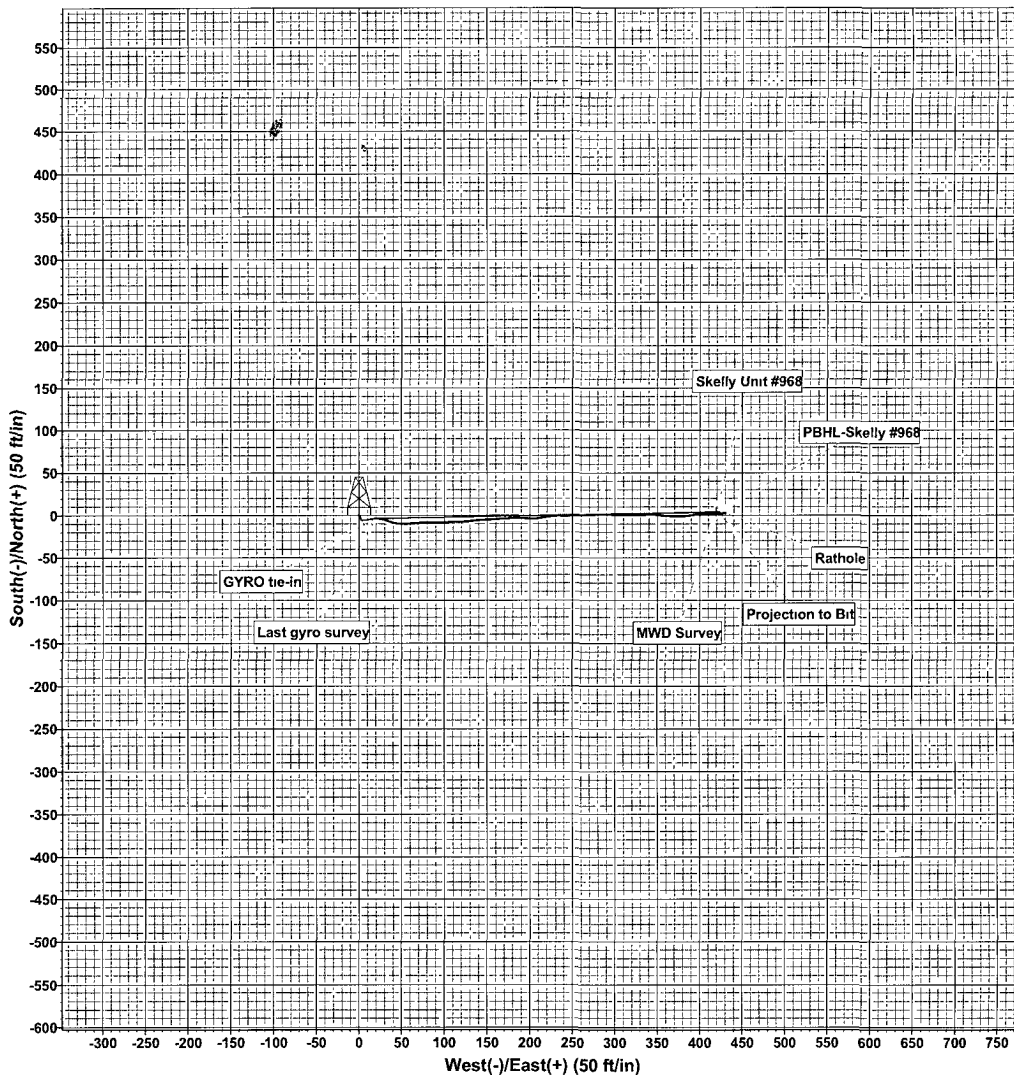
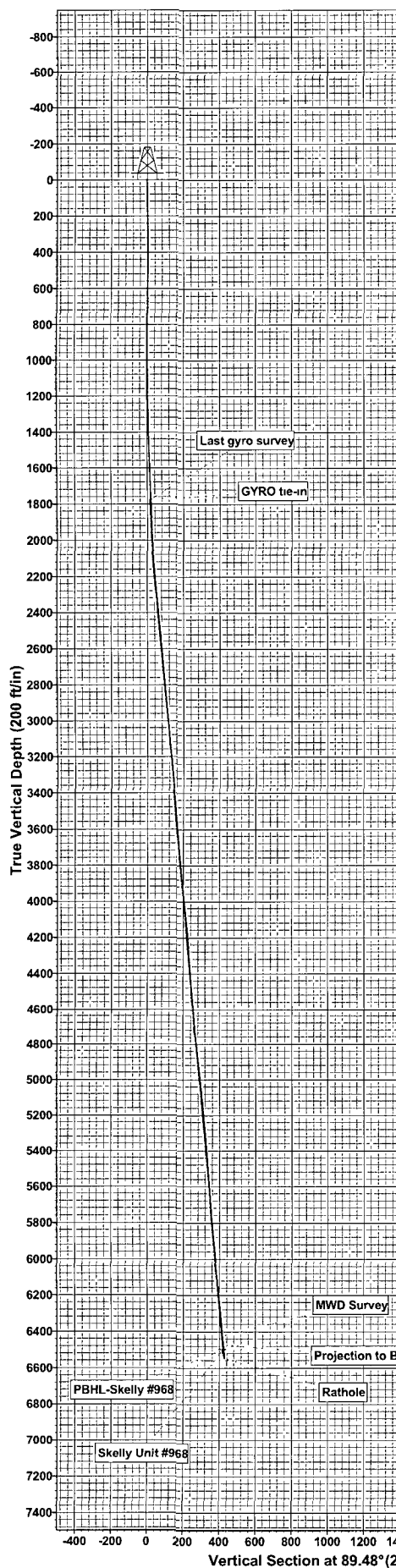
Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
- hit/miss target									
- Shape									
PBHL-Skelly #968	0 00	0 00	6,500 00	3 80	419 70	667,954 800	645,984 700	32° 50' 7 408 N	103° 51' 28 979 W
- actual wellpath misses by 27 66ft at 6491 00ft MD (6472 70 TVD, 2 01 N, 423 79 E)									
- Point									

Design Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
1,776 00	1,775 76	-3 74	19 83	Last gyro survey
6,441 00	6,422 92	1 95	419 10	MWD Survey
6,491 00	6,472 70	2 01	423 79	Projection to Bit
6,566 00	6,547 37	2 09	430 84	Rathole

Checked By: _____	Approved By: _____	Date: _____
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COG Operating

Scientific Drilling for COG Operating
Site: Eddy County, NM (NAN27 NME)
Well: Skelly Unit #968
Wellbore: OH
Design: Plan #2 vs Actual - 7 7/8" Hole



WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
PBHL-Skelly #968	6500 00	3.80	419 70	667954 800	645984.700	32°50' 7.408 N	103°51' 28 979 W	Point

LEGEND

- Skelly Unit #968, OH, MWD
- Skelly Unit #968, OH, GYRO
- Plan #2 - 7 7/8" Hole



Azimuths to Grid North
True North - 0.26°
Magnetic North 7.84°

Magnetic Field
Strength: 49263.9nT
Dip Angle: 60.79°
Date: 7/23/2008
Model: IGRF200510

AZIMUTH CORRECTIONS
ALL AZIMUTHS MUST BE CORRECTED TO GRID
GRID CORRECTIONS MUST BE APPLIED BEFORE PLOTTING
To convert a Magnetic Direction to a Grid Direction, Add 7.84°
To convert a True Direction to a Grid Direction, Subtract 0.26°

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLog	TFace	VSec	Target
1	1776.00	1.50	90.89	1775.76	-3.74	19.83	0.00	0.00	19.79	
2	1900.00	1.50	90.89	1899.72	-3.79	23.07	0.00	0.00	23.04	
3	2074.80	4.99	88.89	2074.22	-3.68	32.97	2.00	-2.85	32.94	
4	6517.46	4.99	88.89	6500.00	3.80	419.70	0.00	0.00	419.72	PBHL-Skelly #968

WELL DETAILS: Skelly Unit #968

+N/-S	+E/-W	Northing	Ground Level	Easting	Latitude	Longitude	Slot
0.00	0.00	667951 000	3876 00	645565.000	32°50' 7.389 N	103°51' 33.898 W	

PROJECT DETAILS: Eddy County, NM (NAN27 NME)

Plan: Plan #2 - 7 7/8" Hole (Skelly Unit #968/OH)

Geodetic System: US State Plane 1927 (Exact solution)	Created By: Julio Pina	Date: 23-Jul-08
Datum: NAD 1927 (NADCON CONUS)	Checked: _____	Date: _____
Ellipsoid: Clarke 1866	Reviewed: _____	Date: _____
Zone: New Mexico East 3001	Approved: _____	Date: _____
System Datum: Mean Sea Level		