Form 3160-5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

RECEIVED 2005 JUN 23 P 2:23 OCD ARTESIA

5. Lease Serial No.
NM 105206

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
Nubes 33 Fed Com 1

2. Name of Operator
EOG Resources Inc.

9. API Well No.
30-015-33918

3a. Address
P.O. Box 2267 Midland, Texas 79702

3b. Phone No. (*include area code*)
432 686 3689

10. Field and Pool, or Exploratory Area
Undesignated; Morrow

4. Location of Well (*Footage, Sec., T., R., M., or Survey Description*)
2612 FSL & 1795 FEL, Sec 33, T18S, R27E SL
1980 FSl & 1980 FEL, Sec 33, T18S, R27E BHL

11. County or Parish, State
Eddy NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☒ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

5/19/05 Ran 56 jts 9 5/8", 40 #, J-55 casing set @ 2415'.
Cemented w/ 890 sx C POZ, 12.75 ppg, 1.97 cu.ft./sx lead slurry, 200 sx Class C, 14.8 ppg, 1.33 cu.ft./sx tail slurry. CIRC 175 sx to surface. WOC 26 hrs.

5/20/05 Tested casing to 2000 psi. Test good.

6/10/05 Decision to P&A.
Set plug 1 @ 9175'-9325', 65 sx Class H
Set plug 2 @ 7350'-7500', 65 sx Class H
Set plug 3 @ 5350'-5450', 40 sx Class H
Set plug 4 @ 2350'-2475', 60 sx Class H

6/11/05 Tagged plug @ 2325'
Set plug 5 @ 375'-475', 35 sx Class C
Set surface plug 0'-50', 20 sx Class C
Clean location and install dry hole marker.

APPROVED
JUN 29 2005
LES BABYAK
PETROLEUM ENGINEER

Approved as to plugging of the well bore. Liability under bond is retained until surface restoration is completed.

14. I hereby certify that the foregoing is true and correct
Name (*Printed/Typed*)
Stan Wagner

Title
Regulatory Analyst

Date 6/22/05

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes 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.

S C I E N T I F I C D R I L L I N G C O N T R O L S

Inrun Survey
for
E.O.G. RESOURCES

Well No.: NUBES "33" FED COM #1 Date : 22-MAY-2005
Job No. : 32K0505375 GRID Proposal : 196.33

Depth (Feet)	T.V.D. (Feet)	V.S. (Feet)	Inc Deg.	Azimuth Deg.	Latitude (Feet)	Departure (Feet)	D-leg /100
0.00	0.00	0.00	0.00	359.97	0.00	0.00	0.00
100.00	100.00	0.24	0.37	257.36	-0.17	-0.27	0.37
200.00	200.00	0.73	0.36	256.23	-0.52	-0.81	0.01
300.00	300.00	1.21	0.33	228.14	-0.89	-1.28	0.06
400.00	399.99	1.56	0.37	267.88	-1.09	-1.82	0.24
500.00	499.99	1.72	0.44	276.17	-1.05	-2.52	0.10
600.00	599.99	1.85	0.48	275.29	-0.96	-3.32	0.05
700.00	699.98	1.95	0.51	283.95	-0.81	-4.17	0.08
800.00	799.98	2.05	0.53	276.73	-0.65	-5.06	0.07
900.00	899.98	2.28	0.56	267.89	-0.61	-6.01	0.09
1000.00	999.97	2.41	0.43	289.30	-0.51	-6.85	0.22
1100.00	1099.97	2.32	0.59	294.22	-0.17	-7.67	0.17
1200.00	1199.96	2.17	0.64	294.63	0.27	-8.65	0.05
1300.00	1299.95	2.01	0.76	293.60	0.77	-9.76	0.12
1400.00	1399.95	1.88	0.66	290.38	1.24	-10.91	0.11
1500.00	1499.94	1.95	0.69	276.37	1.50	-12.05	0.17
1600.00	1599.93	2.13	0.82	279.97	1.69	-13.35	0.14
1700.00	1699.92	2.36	0.97	276.17	1.91	-14.90	0.16
1800.00	1799.90	2.57	1.06	282.54	2.20	-16.64	0.14
1900.00	1899.88	2.69	1.18	283.05	2.63	-18.55	0.12
2000.00	1999.86	2.86	1.14	279.87	3.04	-20.53	0.06
2100.00	2099.84	3.02	1.28	283.73	3.47	-22.60	0.16
2200.00	2199.82	2.91	1.18	295.65	4.18	-24.61	0.27
2300.00	2299.80	2.54	1.16	297.40	5.09	-26.44	0.04
2400.00	2399.78	2.20	1.18	294.51	5.99	-28.27	0.06
2500.00	2499.76	1.85	1.05	299.28	6.86	-30.01	0.16
2600.00	2599.74	1.62	1.00	287.63	7.58	-31.64	0.21
2700.00	2699.72	1.47	1.01	295.23	8.22	-33.27	0.13
2800.00	2799.71	1.15	1.03	298.08	9.02	-34.86	0.05
2900.00	2899.69	0.74	1.27	297.72	9.96	-36.63	0.24
3000.00	2999.66	0.20	1.59	302.10	11.12	-38.64	0.16
3100.00	3099.63	-0.57	1.42	307.01	12.51	-40.66	0.12
3200.00	3199.60	-1.58	1.43	313.50	14.11	-42.55	0.16
3300.00	3299.57	-2.77	1.39	316.87	15.86	-44.29	0.09
3400.00	3399.54	-4.00	1.53	314.13	17.67	-46.07	0.16
3500.00	3499.49	-5.57	1.95	320.11	19.91	-48.12	0.46
3600.00	3599.43	-7.82	2.15	330.02	22.84	-50.15	0.41
3700.00	3699.35	-10.51	2.25	331.98	26.20	-52.01	0.13

3900.00 3899.19 -16.22 2.37 [illegible]

S C I E N T I F I C D R I L L I N G C O N T R O L S

Inrun Survey
for
E.O.G. RESOURCES

Page 2

Well No. : NUBES "33" FED COM #1 Date : 22-MAY-2005
Job No. : 32K0505375 GRID Proposal : 196.33

Depth (Feet)	T.V.D. (Feet)	V.S. (Feet)	Inc Deg.	Azimuth Deg.	Latitude (Feet)	Departure (Feet)	D-leg /100
4000.00	3999.11	-19.19	2.34	335.32	36.90	-57.68	0.24
4100.00	4099.02	-22.27	2.36	334.49	40.61	-59.41	0.04
4200.00	4198.94	-25.31	2.31	334.71	44.29	-61.16	0.05
4300.00	4298.86	-28.40	2.36	336.68	48.01	-62.84	0.09
4400.00	4398.78	-31.59	2.28	339.82	51.76	-64.34	0.15
4500.00	4498.69	-34.84	2.34	340.53	55.55	-65.71	0.07
4600.00	4598.62	-38.09	2.23	341.65	59.33	-67.00	0.12
4605.00	4603.61	-38.25	2.19	342.18	59.51	-67.06	0.90

The Horizontal Displacement (in Feet) at
Measured Depth 4605.00 is 89.66 in a Direction of 311.39 Degrees

Pathfinder

Survey Report

Job No: JWT-0505-0079-WTWT
Date: 5/26/2005
Time: 4:52 am
Wellpath ID: NUBES D.D.
Date Created: 5/22/2005
Last Revision: 5/26/2005

Calculated using the Minimum Curvature Method
Computed using PDS VER2.2.6
Vertical Section Plane: 196.33 deg.

Survey Reference: WELLHEAD
Vertical Section Reference: WELLHEAD
Closure Reference: WELLHEAD
TVD Reference: WELLHEAD

EOG Resources
EDDY CO., NM.
GREYWOLF #33
NUBES 33 FED. COM. #1
NUBES

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	Course Length (ft)	TVD (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft)	(ft)	DLS (dg/100ft)	Build Rate (dg/100ft)	Walk Rate (dg/100ft)
4605.00	2.19	342.18	0.00	4603.61	-38.25	59.51 N	67.06W	0.00	0.00	0.00
4612.00	2.20	343.70	7.00	4610.60	-38.48	59.77 N	67.14W	0.84	0.14	21.71
4644.00	0.88	307.91	32.00	4642.59	-39.09	60.51 N	67.50W	4.91	-4.12	-111.84
4675.00	1.23	220.29	31.00	4673.59	-38.87	60.40 N	67.91W	4.78	1.13	-282.65
4707.00	2.81	199.81	32.00	4705.57	-37.77	59.40 N	68.40W	5.35	4.94	-64.00
4737.00	4.04	191.81	30.00	4735.51	-35.98	57.67 N	68.86W	4.39	4.10	-26.67
4769.00	5.19	188.56	32.00	4767.41	-33.43	55.14 N	69.31W	3.68	3.59	-10.16
4801.00	6.24	185.31	32.00	4799.25	-30.29	51.98 N	69.68W	3.43	3.28	-10.16
4833.00	6.77	183.64	32.00	4831.04	-26.74	48.36 N	69.96W	1.76	1.66	-5.22
4865.00	7.65	182.49	32.00	4862.79	-22.83	44.35 N	70.18W	2.79	2.75	-3.59
4896.00	8.71	183.81	31.00	4893.48	-18.54	39.95 N	70.42W	3.47	3.42	4.26
4928.00	9.32	180.47	32.00	4925.08	-13.68	34.94 N	70.60W	2.51	1.91	-10.44
4960.00	10.11	181.18	32.00	4956.62	-8.47	29.54 N	70.68W	2.50	2.47	2.22
4992.00	10.82	180.65	32.00	4988.09	-2.87	23.73 N	70.78W	2.24	2.22	-1.66
5024.00	11.52	179.24	32.00	5019.48	3.08	17.53 N	70.77W	2.35	2.19	-4.41
5056.00	12.66	177.75	32.00	5050.77	9.45	10.83 N	70.59W	3.69	3.56	-4.66
5087.00	13.45	178.63	31.00	5080.97	16.11	3.83 N	70.37W	2.63	2.55	2.84
5119.00	13.72	179.42	32.00	5112.08	23.28	3.68 S	70.24W	1.02	0.84	2.47
5151.00	14.33	180.12	32.00	5143.12	30.72	11.44 S	70.21W	1.98	1.91	2.19
5182.00	15.74	180.91	31.00	5173.06	38.46	19.48 S	70.29W	4.60	4.55	2.55
5214.00	16.18	180.82	32.00	5203.83	46.94	28.28 S	70.42W	1.38	1.38	-0.28
5278.00	15.39	182.41	64.00	5265.41	63.77	45.68 S	70.90W	1.41	-1.23	2.48
5342.00	15.65	186.18	64.00	5327.08	80.51	62.75 S	72.19W	1.63	0.41	5.89
5406.00	17.32	187.33	64.00	5388.45	98.42	80.78 S	74.33W	2.66	2.61	1.80
5470.00	19.26	186.54	64.00	5449.21	118.23	100.72 S	76.75W	3.06	3.03	-1.23
5534.00	19.17	188.29	64.00	5509.65	139.04	121.60 S	79.47W	0.91	-0.14	2.73
5598.00	19.52	188.47	64.00	5570.03	160.04	142.57 S	82.56W	0.55	0.55	0.28
5661.00	20.66	189.17	63.00	5629.20	181.49	163.96 S	85.88W	1.85	1.81	1.11
5725.00	21.10	186.36	64.00	5689.00	204.04	186.55 S	88.96W	1.71	0.69	-4.39

Pathfinder

Survey Report

Job No: JWT-0505-0079-WTWT
Date: 5/28/2005
Time: 7:29 pm
Wellpath ID: nubes
Date Created: 5/22/2005
Last Revision: 5/28/2005

Calculated using the Minimum Curvature Method
Computed using PDS VER2.2.6
Vertical Section Plane: 196.33 deg.

Survey Reference: WELLHEAD
Vertical Section Reference: WELLHEAD
Closure Reference: WELLHEAD
TVD Reference: WELLHEAD

EOG Resources
EDDY CO., NM.
GREYWOLF #33
NUBES 33 FED. COM. #1
NUBES

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	Course Length (ft)	TVD (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft)		DLS (dg/100ft)	Build Rate (dg/100ft)	Walk Rate (dg/100ft)
5024.00	11.52	179.24	32.00	5019.48	3.08	17.53 N	70.77W	2.35	2.19	-4.41
5056.00	12.68	177.75	32.00	5050.77	9.45	10.83 N	70.59W	3.69	3.56	-4.66
5087.00	13.45	178.63	31.00	5080.97	16.11	3.83 N	70.37W	2.63	2.55	2.84
5119.00	13.72	179.42	32.00	5112.08	23.28	3.68 S	70.24W	1.02	0.84	2.47
5151.00	14.33	180.12	32.00	5143.12	30.72	11.44 S	70.21W	1.98	1.91	2.19
5182.00	15.74	180.91	31.00	5173.06	38.46	19.48 S	70.29W	4.60	4.55	2.55
5214.00	16.18	180.82	32.00	5203.83	46.94	28.26 S	70.42W	1.38	1.38	-0.28
5278.00	15.39	182.41	64.00	5265.41	63.77	45.68 S	70.90W	1.41	-1.23	2.48
5342.00	15.65	186.18	64.00	5327.08	80.51	62.75 S	72.19W	1.63	0.41	5.89
5406.00	17.32	187.33	64.00	5388.45	98.42	80.78 S	74.33W	2.66	2.61	1.80
5470.00	19.26	186.54	64.00	5449.21	118.23	100.72 S	76.75W	3.06	3.03	-1.23
5534.00	19.17	188.29	64.00	5509.65	139.04	121.60 S	79.47W	0.91	-0.14	2.73
5598.00	19.52	188.47	64.00	5570.03	160.04	142.57 S	82.56W	0.55	0.55	0.28
5661.00	20.66	189.17	63.00	5629.20	181.49	163.96 S	85.88W	1.85	1.81	1.11
5725.00	21.10	186.36	64.00	5689.00	204.04	186.55 S	88.96W	1.71	0.69	-4.39
5789.00	20.05	185.04	64.00	5748.91	226.14	208.93 S	91.20W	1.79	-1.64	-2.06
5853.00	18.91	185.57	64.00	5809.25	247.09	230.18 S	93.17W	1.80	-1.78	0.83
5917.00	18.82	182.49	64.00	5869.81	267.30	250.82 S	94.62W	1.56	-0.14	-4.81
5981.00	18.11	181.18	64.00	5930.52	286.93	271.06 S	95.28W	1.28	-1.11	-2.05
6045.00	17.41	174.67	64.00	5991.47	305.43	290.56 S	94.59W	3.29	-1.09	-10.17
6109.00	17.15	175.90	64.00	6052.59	323.17	309.50 S	93.03W	0.70	-0.41	1.92
6173.00	17.67	178.63	64.00	6113.65	341.27	328.62 S	92.12W	1.51	0.81	4.27
6237.00	17.59	180.74	64.00	6174.65	359.84	348.01 S	92.01W	1.01	-0.12	3.30
6301.00	16.71	177.40	64.00	6235.80	377.86	366.87 S	91.72W	2.06	-1.38	-5.22
6365.00	16.53	177.92	64.00	6297.13	395.20	385.16 S	90.97W	0.36	-0.28	0.81
6428.00	15.92	178.45	63.00	6357.62	411.92	402.75 S	90.41W	1.00	-0.97	0.84
6492.00	15.21	180.03	64.00	6419.27	428.34	419.92 S	90.18W	1.29	-1.11	2.47
6556.00	15.92	181.70	64.00	6480.93	444.89	437.09 S	90.44W	1.31	1.11	2.61
6620.00	15.65	178.19	64.00	6542.51	461.58	454.49 S	90.43W	1.55	-0.42	-5.48
6683.00	14.33	179.95	63.00	6603.37	477.14	470.78 S	90.16W	2.22	-2.10	2.79
6747.00	14.77	180.91	64.00	6665.32	492.60	486.86 S	90.28W	0.78	0.69	1.50
6811.00	13.45	181.00	64.00	6727.38	507.65	502.46 S	90.54W	2.06	-2.06	0.14
6875.00	13.45	183.37	64.00	6789.63	522.08	517.33 S	91.11W	0.86	0.00	3.70

Pathfinder

Survey Report

Job No: JWT-0505-0079-WTWT
Date: 5/31/2005
Time: 4:26 am
Wellpath ID: nubes
Date Created: 5/22/2005
Last Revision: 5/31/2005

Calculated using the Minimum Curvature Method
Computed using PDS VER2.2.6
Vertical Section Plane: 196.33 deg.

Survey Reference: WELLHEAD
Vertical Section Reference: WELLHEAD
Closure Reference: WELLHEAD
TVD Reference: WELLHEAD

EOG Resources
EDDY CO., NM.
GREYWOLF #33
NUBES 33 FED. COM. #1
NUBES

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	Course Length (ft)	TVD (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft)	(ft)	DLS (dg/100ft)	Build Rate (dg/100ft)	Walk Rate (dg/100ft)
6045.00	17.41	174.67	64.00	5991.47	305.43	290.56 S	94.59W	3.29	-1.09	-10.17
6109.00	17.15	175.90	64.00	6052.59	323.17	309.50 S	93.03W	0.70	-0.41	1.92
6173.00	17.67	178.63	64.00	6113.65	341.27	328.62 S	92.12W	1.51	0.81	4.27
6237.00	17.59	180.74	64.00	6174.65	359.84	348.01 S	92.01W	1.01	-0.12	3.30
6301.00	16.71	177.40	64.00	6235.80	377.86	366.87 S	91.72W	2.06	-1.38	-5.22
6365.00	16.53	177.92	64.00	6297.13	395.20	385.16 S	90.97W	0.36	-0.28	0.81
6428.00	15.92	178.45	63.00	6357.62	411.92	402.75 S	90.41W	1.00	-0.97	0.84
6492.00	15.21	180.03	64.00	6419.27	428.34	419.92 S	90.18W	1.29	-1.11	2.47
6556.00	15.92	181.70	64.00	6480.93	444.89	437.09 S	90.44W	1.31	1.11	2.61
6620.00	15.65	178.19	64.00	6542.51	461.58	454.49 S	90.43W	1.55	-0.42	-5.48
6683.00	14.33	179.95	63.00	6603.37	477.14	470.78 S	90.16W	2.22	-2.10	2.79
6747.00	14.77	180.91	64.00	6665.32	492.60	486.86 S	90.28W	0.78	0.69	1.50
6811.00	13.45	181.00	64.00	6727.38	507.65	502.46 S	90.54W	2.06	-2.06	0.14
6875.00	13.45	183.37	64.00	6789.63	522.08	517.33 S	91.11W	0.86	0.00	3.70
6939.00	14.16	180.91	64.00	6851.78	536.88	532.59 S	91.67W	1.44	1.11	-3.84
7003.00	14.51	178.89	64.00	6913.79	552.07	548.43 S	91.64W	0.95	0.55	-3.16
7065.00	15.30	178.19	62.00	6973.70	567.26	564.37 S	91.23W	1.31	1.27	-1.13
7129.00	16.09	177.22	64.00	7035.32	583.66	581.67 S	90.53W	1.30	1.23	-1.52
7194.00	16.27	177.57	65.00	7097.74	600.79	599.77 S	89.71W	0.31	0.28	0.54
7257.00	16.71	178.71	63.00	7158.15	617.78	617.64 S	89.13W	0.87	0.70	1.81
7321.00	15.74	178.98	64.00	7219.80	634.84	635.52 S	88.77W	1.52	-1.52	0.42
7385.00	16.09	179.07	64.00	7281.15	651.59	653.06 S	88.47W	0.55	0.55	0.14
7449.00	16.00	178.71	64.00	7342.65	668.47	670.75 S	88.13W	0.21	-0.14	-0.56
7512.00	15.92	179.51	63.00	7403.23	685.02	688.07 S	87.86W	0.37	-0.13	1.27
7574.00	14.86	178.19	62.00	7463.00	700.71	704.52 S	87.54W	1.80	-1.71	-2.13
7638.00	13.10	176.08	64.00	7525.10	715.32	719.96 S	86.78W	2.86	-2.75	-3.30
7702.00	11.70	179.49	64.00	7587.61	728.33	733.69 S	86.23W	2.47	-2.19	5.33
7766.00	9.85	177.64	64.00	7650.48	739.73	745.65 S	85.94W	2.94	-2.89	-2.89
7830.00	8.71	181.42	64.00	7713.64	749.60	755.96 S	85.84W	2.02	-1.78	5.91

Pathfinder

Survey Report

Job No: JWT-0505-0079-WTWT
Date: 6/6/2005
Time: 4:44 am
Wellpath ID: nubes
Date Created: 5/22/2005
Last Revision: 6/6/2005

Calculated using the Minimum Curvature Method
Computed using PDS VER2.2.6
Vertical Section Plane: 196.33 deg.

Survey Reference: WELLHEAD
Vertical Section Reference: WELLHEAD
Closure Reference: WELLHEAD
TVD Reference: WELLHEAD

EOG Resources
EDDY CO., NM.
GREYWOLF #33
NUBES 33 FED. COM. #1
NUBES

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	Course Length (ft)	TVD (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft)	(ft)	DLS (dg/100ft)	Build Rate (dg/100ft)	Walk Rate (dg/100ft)
7003.00	14.51	178.89	64.00	6913.79	552.07	548.43 S	91.84W	0.95	0.55	-3.16
7065.00	15.30	178.19	62.00	6973.70	567.26	564.37 S	91.23W	1.31	1.27	-1.13
7129.00	16.09	177.22	64.00	7035.32	583.66	581.67 S	90.53W	1.30	1.23	-1.52
7194.00	16.27	177.57	65.00	7097.74	600.79	599.77 S	89.71W	0.31	0.28	0.54
7257.00	16.71	178.71	63.00	7158.15	617.78	617.64 S	89.13W	0.87	0.70	1.81
7321.00	15.74	178.98	64.00	7219.60	634.84	635.52 S	88.77W	1.52	-1.52	0.42
7385.00	16.09	179.07	64.00	7281.15	651.59	653.06 S	88.47W	0.55	0.55	0.14
7449.00	16.00	178.71	64.00	7342.65	668.47	670.75 S	88.13W	0.21	-0.14	-0.56
7512.00	15.92	179.51	63.00	7403.23	685.02	688.07 S	87.86W	0.37	-0.13	1.27
7574.00	14.86	178.19	62.00	7463.00	700.71	704.52 S	87.54W	1.80	-1.71	-2.13
7638.00	13.10	176.08	64.00	7525.10	715.32	719.96 S	86.78W	2.86	-2.75	-3.30
7702.00	11.70	179.49	64.00	7587.61	728.33	733.69 S	86.23W	2.47	-2.19	5.33
7766.00	9.85	177.64	64.00	7650.48	739.73	745.65 S	85.94W	2.94	-2.89	-2.89
7830.00	8.71	181.42	64.00	7713.64	749.60	755.96 S	85.84W	2.02	-1.78	5.91
7894.00	6.07	185.90	64.00	7777.10	757.61	764.17 S	86.31W	4.22	-4.12	7.00
7958.00	4.04	195.05	64.00	7840.85	763.19	769.71 S	87.24W	3.40	-3.17	14.30
8022.00	2.37	208.32	64.00	7904.75	766.74	773.06 S	88.45W	2.84	-2.61	20.73
8086.00	1.76	278.89	64.00	7968.72	768.16	774.07 S	90.05W	3.81	-0.95	110.27
8150.00	2.73	322.14	64.00	8032.67	767.40	772.72 S	91.96W	2.94	1.52	67.58
8174.00	2.99	336.81	24.00	8056.64	766.58	771.69 S	92.56W	3.23	1.08	61.12
8365.00	3.96	359.23	191.00	8247.30	756.43	760.51 S	94.61W	0.86	0.51	11.74
8557.00	4.31	352.46	192.00	8438.80	743.50	746.73 S	95.64W	0.31	0.18	-3.53
8781.00	6.33	0.37	224.00	8661.83	723.93	726.04 S	96.67W	0.96	0.90	3.53
8844.00	5.19	0.46	63.00	8724.51	717.85	719.72 S	96.62W	1.81	-1.81	0.14
8908.00	4.22	358.52	64.00	8788.29	712.82	714.47 S	96.66W	1.54	-1.52	-3.03
8972.00	3.17	354.57	64.00	8852.16	708.94	710.35 S	96.89W	1.69	-1.64	-6.17
9036.00	2.37	351.32	64.00	8916.08	706.09	707.28 S	97.25W	1.27	-1.25	-5.08
9100.00	1.32	340.15	64.00	8980.05	704.30	705.28 S	97.70W	1.73	-1.64	-17.45
9164.00	0.97	335.67	64.00	9044.03	703.29	704.09 S	98.18W	0.56	-0.55	-7.00

Pathfinder

Survey Report

Job No: JWT-0505-0079-WTWT
Date: 6/7/2005
Time: 4:59 am
Wellpath ID: nubes
Date Created: 5/22/2005
Last Revision: 6/7/2005

Calculated using the Minimum Curvature Method
Computed using PDS VER2.2.6
Vertical Section Plane: 196.33 deg.

Survey Reference: WELLHEAD
Vertical Section Reference: WELLHEAD
Closure Reference: WELLHEAD
TVD Reference: WELLHEAD

EOG Resources
EDDY CO., NM.
GREYWOLF #33
NUBES 33 FED. COM. #1
NUBES

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	Course Length (ft)	TVD (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft)	(ft)	DLS (dg/100ft)	Build Rate (dg/100ft)	Walk Rate (dg/100ft)
7830.00	8.71	181.42	64.00	7713.64	749.60	755.96 S	85.84W	2.02	-1.78	5.91
7894.00	6.07	185.90	64.00	7777.10	757.61	764.17 S	86.31W	4.22	-4.12	7.00
7958.00	4.04	195.05	64.00	7840.85	763.19	769.71 S	87.24W	3.40	-3.17	14.30
8022.00	2.37	208.32	64.00	7904.75	766.74	773.06 S	88.46W	2.84	-2.61	20.73
8086.00	1.76	278.89	64.00	7968.72	768.16	774.07 S	90.05W	3.81	-0.95	110.27
8150.00	2.73	322.14	64.00	8032.67	767.40	772.72 S	91.96W	2.94	1.52	67.58
8174.00	2.99	336.81	24.00	8056.64	766.58	771.69 S	92.56W	3.23	1.08	61.12
8365.00	3.96	359.23	191.00	8247.30	756.43	760.51 S	94.61W	0.86	0.51	11.74
8557.00	4.31	352.46	192.00	8438.80	743.50	746.73 S	95.64W	0.31	0.18	-3.53
8781.00	6.33	0.37	224.00	8661.83	723.93	726.04 S	96.67W	0.96	0.90	3.53
8844.00	5.19	0.46	63.00	8724.51	717.85	719.72 S	96.62W	1.81	-1.81	0.14
8908.00	4.22	358.52	64.00	8788.29	712.82	714.47 S	96.66W	1.54	-1.52	-3.03
8972.00	3.17	354.57	64.00	8852.16	708.94	710.35 S	96.89W	1.69	-1.64	-6.17
9036.00	2.37	351.32	64.00	8916.08	706.09	707.28 S	97.25W	1.27	-1.25	-5.08
9100.00	1.32	340.15	64.00	8980.05	704.30	705.28 S	97.70W	1.73	-1.64	-17.45
9164.00	0.97	335.67	64.00	9044.03	703.29	704.09 S	98.18W	0.56	-0.55	-7.00
9227.00	0.88	328.20	63.00	9107.03	702.57	703.20 S	98.65W	0.24	-0.14	-11.86
9291.00	0.70	317.57	64.00	9171.02	702.03	702.49 S	99.17W	0.36	-0.28	-16.61
9355.00	0.79	304.82	64.00	9235.01	701.69	701.95 S	99.80W	0.29	0.14	-19.92
9419.00	0.70	302.98	64.00	9299.01	701.44	701.48 S	100.49W	0.15	-0.14	-2.87
9483.00	0.53	290.14	64.00	9363.00	701.31	701.17 S	101.10W	0.34	-0.27	-20.06
9547.00	0.62	293.66	64.00	9427.00	701.24	700.93 S	101.69W	0.15	0.14	5.50
9611.00	0.44	285.57	64.00	9491.00	701.20	700.72 S	102.25W	0.30	-0.28	-12.64

Pathfinder

Survey Report

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	Course Length (ft)	TVD (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft)		DLS (dg/100ft)	Build Rate (dg/100ft)	Walk Rate (dg/100ft)
9419.00	0.70	302.98	64.00	9299.01	701.44	701.46 S	100.49W	0.15	-0.14	-2.87
9483.00	0.53	290.14	64.00	9363.00	701.31	701.17 S	101.10W	0.34	-0.27	-20.06
9547.00	0.62	293.66	64.00	9427.00	701.24	700.93 S	101.69W	0.15	0.14	5.50
9611.00	0.44	285.57	64.00	9491.00	701.20	700.72 S	102.25W	0.30	-0.28	-12.64
9675.00	0.53	260.70	64.00	9555.00	701.33	700.71 S	102.77W	0.35	0.14	-38.86
9739.00	0.88	249.36	64.00	9618.99	701.76	700.93 S	103.53W	0.59	0.55	-17.72
9803.00	0.97	239.69	64.00	9682.98	702.45	701.37 S	104.45W	0.28	0.14	-15.11
9867.00	1.14	234.77	64.00	9746.97	703.34	702.01 S	105.44W	0.30	0.27	-7.69
9931.00	0.97	239.52	64.00	9810.96	704.23	702.66 S	106.43W	0.30	-0.27	7.42
9995.00	0.79	246.20	64.00	9874.95	704.91	703.11 S	107.30W	0.32	-0.28	10.44
10047.00	0.97	239.61	52.00	9926.95	705.46	703.48 S	108.01W	0.40	0.35	-12.67
STRAIGHT LINE PROJECTION TO BIT @ 10,100'										
10100.00	0.97	239.61	53.00	9979.94	706.12	703.93 S	108.76W	0.00	0.00	0.00