

District I
1625 N. French Dr., Hobbs, NM 88240

District II
1301 W. Grand Ave., Artesia, NM 88210

District III
1000 Rio Bravos 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 S. St Francis Dr.
Santa Fe, NM 87505

Form C-101
Permit 1413

APPLICATION FOR PERMIT TO DRILL

Operator Name and Address EOG RESOURCES INC PO Box 2267 Midland, TX 79702		OGRID Number 7377
		API Number 30-015-33597
Property Code 34244	Property Name NILE 22 STATE COM	Well No. 001

Surface Location

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
N	22	17S	24E	N	660	S	1880	W	Eddy

Bottom Holes

Pool: wildcat									
UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
N	22	17S	24E	N	760	N	760	W	Eddy

Work Type	Well Type	Cable/Rotary	Lease Type	Ground Level Elevation
New Well	GAS		State	3753
Multiple	Proposed Depth	Formation	Contractor	Spud Date
N	5100	Wolfcamp		10/15/2004

Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	400	320	0
Intl	12.25	9.625	40	1300	460	0
Prod	7.875	5.5	17	5020	1055	0

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	5000	5000	

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Electronically Signed By: Stan Wagner

Title: Regulatory Analyst

Date: 08/26/2004

Phone: 432-686-3689

OIL CONSERVATION DIVISION

Electronically Approved By: Bryan Arrant

Title: Geologist

Approval Date: 08/31/2004 Expiration Date: 08/31/2005

Conditions of Approval:
There are conditions. See Attached.

District I
1625 N. French Dr., Hobbs, NM 88240

District II
1301 W. Grand Ave., Artesia, NM 88210

District III
1000 Rio Huerfano 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 S. St Francis Dr.
Santa Fe, NM 87505

Form C-102
Permit 1413

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-33597	Pool Name wildcat	Pool Code
Property Code 34244	Property Name NILE 22 STATE COM	Well No. 001
UGRID No. 7377	Operator Name EOG RESOURCES INC	Elevation 3753

Surface Location

UL or Lot N	Section 22	Township 17S	Range 24E	Lot Idn N	Feet From 660	N/S Line S	Feet From 1880	E/W Line W	County Eddy
----------------	---------------	-----------------	--------------	--------------	------------------	---------------	-------------------	---------------	----------------

Bottom Hole Location If Different From Surface

UL or Lot N	Section 22	Township 17S	Range 24E	Lot Idn N	Feet From 760	N/S Line N	Feet From 760	E/W Line W	County Eddy
Dedicated Acres 320		Joint or Infill		Consolidation Code		Order No.			

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Electronically Signed By: Stan Wagner

Title: Regulatory Analyst

Date: 08/26/2004

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.

Surveyed By: V.L. Bezner

Date of Survey: 08/02/2004

Certificate Number: 7920

Permit Conditions Of Approval
C-101, Permit 1413

Operator: EOG RESOURCES INC , 7377

Well: NILE 22 STATE COM #001

OCD Reviewer	Condition
BARRANT	Please notify OCD time of spud and time to witness the cementing of ALL casing strings.

eog resources inc

Planning Report

30-015-33597

Company: Eog Resources Inc	Date: 8/23/2004	Time: 10:00
Field: Thames	Geographic: NE 1/4 Sec 22, T22N, R104E, S100E	County: Garfield
Site: Nile State "22" Com #1	Section: 22	Township: T22N
Well: Nile State "22" Com #1	Range: R104E	Latitude: 32 48 55.707 N
Wellpath: Original Openhole	Section: 22	Longitude: 104 34 42.950 W
		North Reference: Grid
		Grid Convergence: -0.13 deg

Field: Thames

Map System: US State Plane Coordinate System 1927
Geo Datum: NAD27 (Clarke 1866)
Sys Datum: Mean Sea Level

Map Zone: New Mexico, Eastern Zone
Coordinate System: Site Centre
Geomagnetic Model: Igrf2000

Site: Nile State "22" Com #1

Site Position: Northing: 660468.00 ft Latitude: 32 48 55.707 N
From: Map Easting: 424650.00 ft Longitude: 104 34 42.950 W
Position Uncertainty: 0.00 ft North Reference: Grid
Ground Level: 3753.00 ft Grid Convergence: -0.13 deg

Well: Nile State "22" Com #1

Slot Name:

Well Position: +N/-S 0.00 ft Northing: 660468.00 ft Latitude: 32 48 55.707 N
+E/-W 0.00 ft Easting: 424650.00 ft Longitude: 104 34 42.950 W
Position Uncertainty: 0.00 ft

Wellpath: Original Openhole

Drilled From: Surface
Tie-on Depth: 0.00 ft
Above System Datum: Mean Sea Level
Declination: 9.10 deg
Mag Dip Angle: 60.79 deg
Direction: deg

Current Datum: SITE Height 3771.00 ft
Magnetic Data: 8/23/2004
Field Strength: 49710 nT
Vertical Section: Depth From (TVD) +N/-S
ft ft
0.00 0.00

RECEIVED

AUG 30 2004

GODARTESIA

Plan: Plan #1

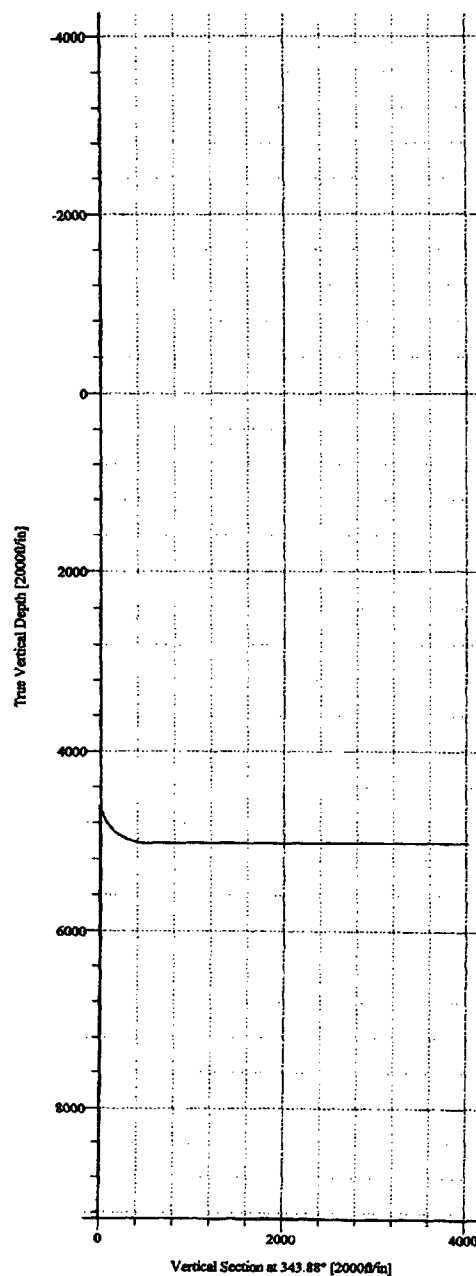
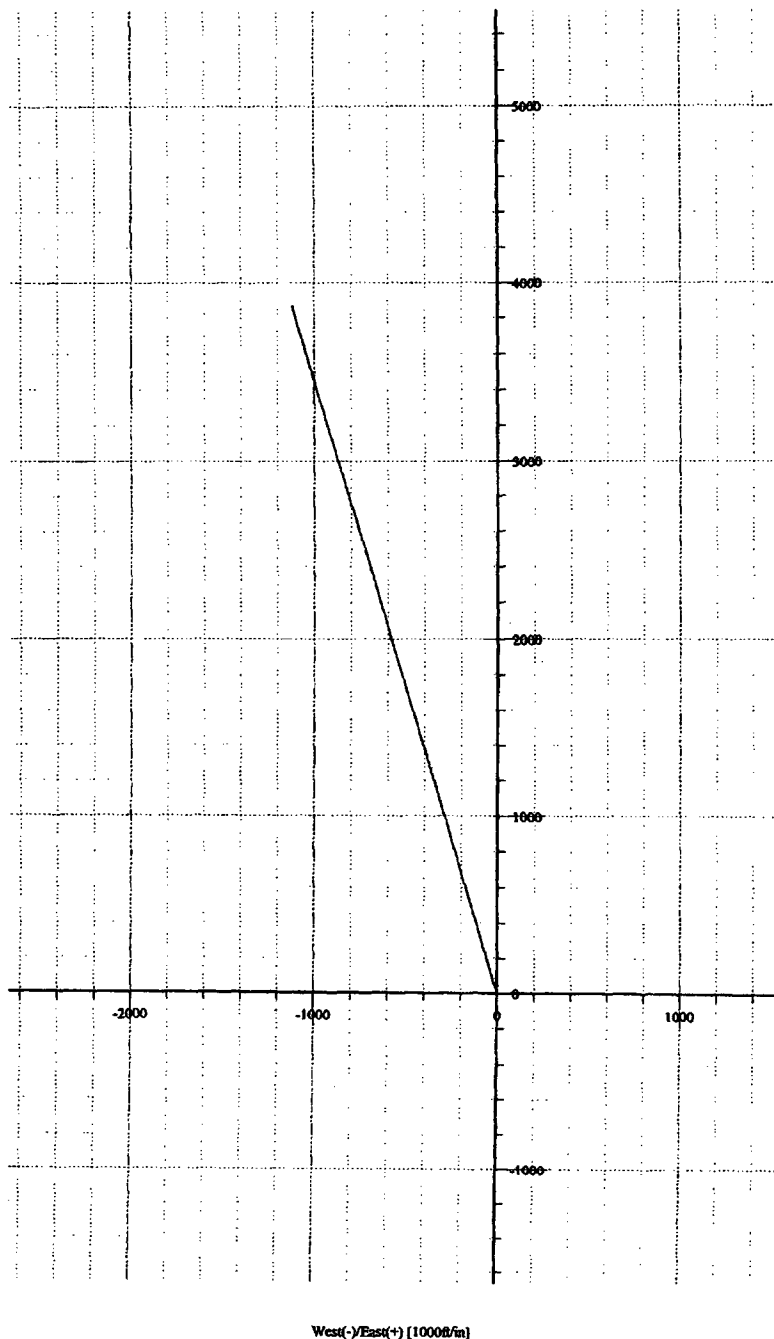
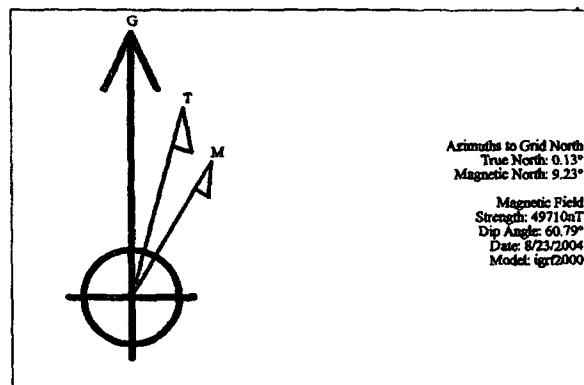
Date Composed: 8/23/2004
Version: 1
Tied-to: From Surface

Plan Section Information

Well	Depth	Interval	Interval	Interval	Interval	Interval	Interval	Interval	Interval	Interval
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4542.54	0.00	0.00	4542.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5292.54	90.00	343.88	5020.00	458.69	-132.57	12.00	12.00	-2.15	343.88	BHL
8837.28	90.00	343.88	5020.00	3864.00	-1117.00	0.00	0.00	0.00	0.00	BHL



Field: Thames
Site: Nile State "22" Com #1
Well: Nile State "22" Com #1
Wellpath: Original Openhole
Plan: Plan #1



Permit Information:

Well Name: Nile 22 State Com No. 1

Location:

SL 660' FSL & 1880 FWL, Sec 22, T-17-S, R-24-E, Eddy Co, NM
 BHL 760 FNL & 760 FWL, Sec 22, T-17-S, R-24-E, Eddy Co, NM

Casing Program:

Casing	Setting Depth	Hole Size	Casing Size	Casing Weight	Casing Grade	Desired TOC
Surface	400'	17 1/2"	13 3/8"	48#	H-40	Surface
Intermediate	1,300'	12 1/4"	9 5/8"	40#	J-55	Surface
Production	8,850'MD 5,020'TVD	7 7/8"	5 1/2"	17#	L-80	Surface

Cement Program:

Depth	No. Sacks	Slurries:
400'	120	Lead: Premium Plus + 3% Econolite + 1/4 pps Flocele + 2% CaCl ₂
	200	Tail: Premium Plus + 2% CaCl ₂
1,300'	210	Lead: Interfill "C" + 1/4 pps Flocele
	250	Tail: Premium Plus + 1% CaCl ₂
8,850'MD	580	Lead: Interfill "C" 1/4 pps Flocele
5,020'TVD	475	Tail: Acid Soluble Cement + 0.8% Econolite + Fluid Loss additives

Mud Program:

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0-400'	Fresh Water(spud)	8.5-8.7	32-34	n/c
400'-1,300'	Fresh Water	8.3-8.4	28-29	n/c
1,300' - 8,850'	Cut Brine	8.9-9.1	28-29	n/c

Game Plan:

Drill a pilot hole to +/-5,300'. Log. Plug back to +/- 4,400'. Dress off cement plug and KOP at +/- 4542'. Build 12 deg/100 ft to 90 degrees. If no hole problems at end of curve reduce the hole size from 8 3/4" to 7 7/8" and drill lateral to 8,837' MD / +/- 5,020' TVD. Run and cement 5 1/2" casing.

If have problems will run 7" casing thru the end of the curve.

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 87240
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

Form C-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-015-33597
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: Nile 22 State Com
8. Well Number 1
9. OGRID Number 7377
10. Pool name or Wildcat Wildcat; Wolfcamp

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 _____

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.)

1. Type of Well:
Oil Well ☐ Gas Well ☒ Other _____
2. Name of Operator
BOG Resources Inc.
3. Address of Operator
P.O. Box 2267 Midland, Texas 79702

4. Well Location
Unit Letter N : 660 feet from the North line and 1880 feet from the West line
Section 22 Township 17S Range 24E NMPM County Bddy
11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3753 GR

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. ☒ PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐	CASING TEST AND 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.

1/2/05 Spud well @ 7:00 am
Ran 9 jts 13 3/8, 40 #, H-40 surface casing set @ 387'.
Cemented w/ 120 sx Prem Plus lead, 205 sx Prem Plus tail. CIRC 90 sx. WOC 8.25 hrs.
Tested casing to 1000 psi for 30 min. Test good.
1/3/04 Ran 28 jts 9 5/8, 40 #, J-55 intermediate casing set @ 1235'.
Cemented w/ 460 sx Light Prem Plus lead, 260 sx Prem Plus tail. CIRC 146 sx. WOC 10.5 hrs.
Tested casing to 2000 psi for 30 min. Test good.

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 Stan Wagner TITLE Regulatory Analyst DATE 1/6/05
Type or print name Stan Wagner E-mail address: _____ Telephone No. 432 686 2689

For State Use Only FOR RECORDS ONLY
APPROVED BY _____ TITLE _____ DATE _____
Conditions of Approval, if any: _____

Submit 3 Copies to Appropriate District

Office

District I

1625 N. French Dr., Hobbs, NM 88240

District II

811 South First, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, NM 87505

Form C-103

Revised March 25, 1999

WELL API NO. 30-015-33597
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. VO-7123
7. Lease Name Or Unit Agreement Name: Nile State 22Com
8. Well No. 1
9. Pool Name or Wildcat Wildcat

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.)

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

2. Name of Operator
EOG Resources, Inc.

3. Address of Operator
P.O. Box 2267, Midland, TX 79702

4. Well Location
Unit Letter N: feet from the 660 line and south feet from the 1880 line west
Section 22 Township 17 S Range 24 E NMPM County Eddy

10. Elevation (Show whether DR, RKB, RT, GR, etc.)

RECEIVED

JAN 13 2005

OOD-ARTESIA

11. 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 ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPLETION ☐	CASING TEST AND CEMENT JOB ☐	
OTHER: ☐		OTHER: Change BHL ☒	

12. 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.

Change BHL To 660'FNL& 1800'FWL Sec.22 T-17-S;R-24-E NMPM
Unit Letter C Eddy Co. NM

Revised C-102 Attached;Planning Report and Curve Attached

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Mike Francis TITLE Agent DATE 1/12/-005

Type or print name Mike Francis Telephone No. _____

APPROVED BY TIM W. GUM DATE JAN 13 2005
Conditions of approval, if any: DISTRICT II SUPERVISOR

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

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

State of New Mexico

Energy, Minerals, and Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, New Mexico 87505

Form C-102

Revised August 15, 2000

Submit to Appropriate District Office

State Lease - 4 copies

Fee Lease - 3 copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-33597	² Pool Code	³ Pool Name Wildcat
⁴ Property Code 34244	⁵ Property Name NILE STATE "22" COM	⁶ Well Number 1
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁹ Elevation 3753'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	22	17 SOUTH	24 EAST, N.M.P.M.		660'	SOUTH	1880'	WEST	EDDY

¹¹ 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
C	22	17 SOUTH	24 EAST, N.M.P.M.		660'	NORTH	1880'	WEST	EDDY
¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

NO ALLOWABLE WELL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

¹⁶ BHL #1 X = 424653 Y = 664434 LAT.: N 32.82638 LONG.: W 104.57862 RECEIVED JAN 13 2005 OCD-ARTESIA NAD 27 NM E ZONE X = 424650 Y = 660468 LAT.: N 32.81547 LONG.: W 104.57860 BOTTOMHOLE INFORMATION PROVIDED BY EOG RESOURCES	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <i>Mike Francis</i> Signature Mike Francis Agent Title 1/11/2005 Date ¹⁸ 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. AUGUST 2, 2004 Date of Survey Signature and Seal of Professional Surveyor V. L. BEZNIER R.P.S. #7920 JOB #96623 / 101SE / E.U.O.
---	---

EOG Resources Inc

Planning Report

Company: EOG Resources		Date: 1/11/2005		Time: 14:50:16		Page: 1	
Field: Thames		Co-ordinate(NE) Reference: Site: Nile State "22" Corn #1 Grid North					
Site: Nile State "22" Corn #1		Vertical (TVD) Reference: SITE 3771.0					
Well: Nile State "22" Corn #1		Section (VS) Reference: Well (0.00N,0.00E,0.04Azi)					
Wellpath: Original Openhole		Plan:		Plan #2			

Field: Thames	
Map System: US State Plane Coordinate System 1927	Map Zone: New Mexico, Eastern Zone
Geo Datum: NAD27 (Clarke 1866)	Coordinate System: Site Centre
Sys Datum: Mean Sea Level	Geomagnetic Model: igrf2000

Site: Nile State "22" Corn #1	
Site Position:	Northing: 660468.00 ft
From: Map	Easting: 424650.00 ft
Position Uncertainty: 0.00 ft	Latitude: 32 48 55.707 N
Ground Level: 3753.00 ft	Longitude: 104 34 42.950 W
	North Reference: Grid
	Grid Convergence: -0.13 deg

Well: Nile State "22" Corn #1		Slot Name:	
Well Position: +N/S 0.00 ft	Northing: 660468.00 ft	Latitude: 32 48 55.707 N	
+E/W 0.00 ft	Easting: 424650.00 ft	Longitude: 104 34 42.950 W	
Position Uncertainty: 0.00 ft			

Wellpath: Original Openhole		Drilled From: Surface	
Current Datum: SITE	Height 3771.00 ft	Tie-on Depth: 0.00 ft	
Magnetic Data: 8/23/2004		Above System Datum: Mean Sea Level	
Field Strength: 49710 nT		Declination: 9.10 deg	
Vertical Section: Depth From (TVD)	+N/S	Mag Dip Angle: 60.79 deg	
ft	ft	+E/W	Direction
		ft	deg
4900.00	0.00	0.00	0.04

Plan: Plan #2	Date Composed: 1/11/2005
Principal: No	Version: 1
	Tied-to: From: Definitive Path

Plan Section Information										
MD	Incl	Azim	TVD	+N/S	+E/W	DLS	Build	Turn	TFO	Target
ft	deg	deg	ft	ft	ft	deg/100ft	deg/100ft	deg/100ft	deg	
4424.00	1.14	109.36	4423.18	-62.34	41.67	0.00	0.00	0.00	0.00	
5171.27	90.00	359.32	4900.00	411.39	45.01	12.10	11.89	-14.73	-110.03	
8726.13	90.00	359.32	4900.00	3966.00	3.00	0.00	0.00	0.00	0.00	BHL

Targets													
Name	Description	TVD	+N/S	+E/W	Map Northing	Map Easting	Latitude			Longitude			
		ft	ft	ft	ft	ft	deg	Min	Sec	deg	Min	Sec	
BHL		4900.00	3966.00	3.00	664434.00	424653.00	32	49	34.952	N	104	34 43.022	W



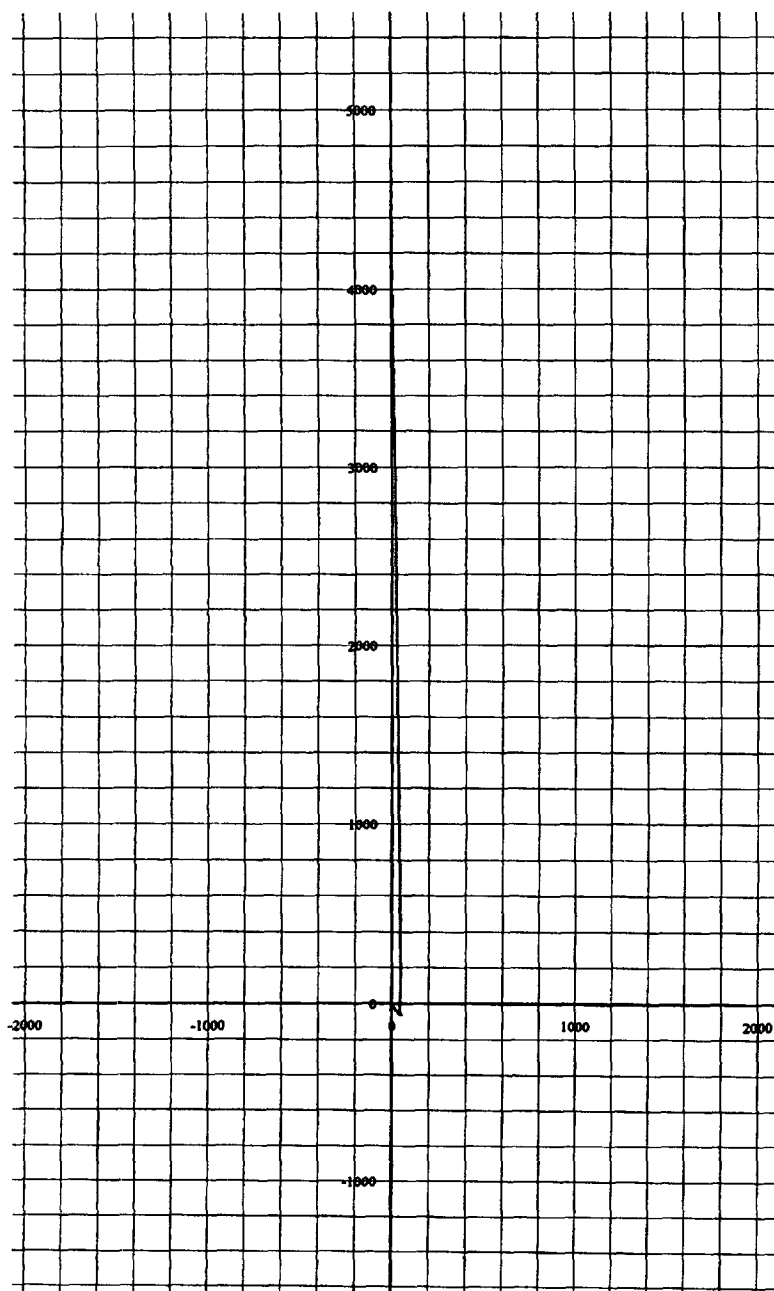
Field: Thames
Site: Nile State "22" Con #1
Well: Nile State "22" Con #1
Wellpath: Original Openhole
Plan: Plan #2



Azimuths to Grid North
True North: 0.13°
Magnetic North: 9.23°

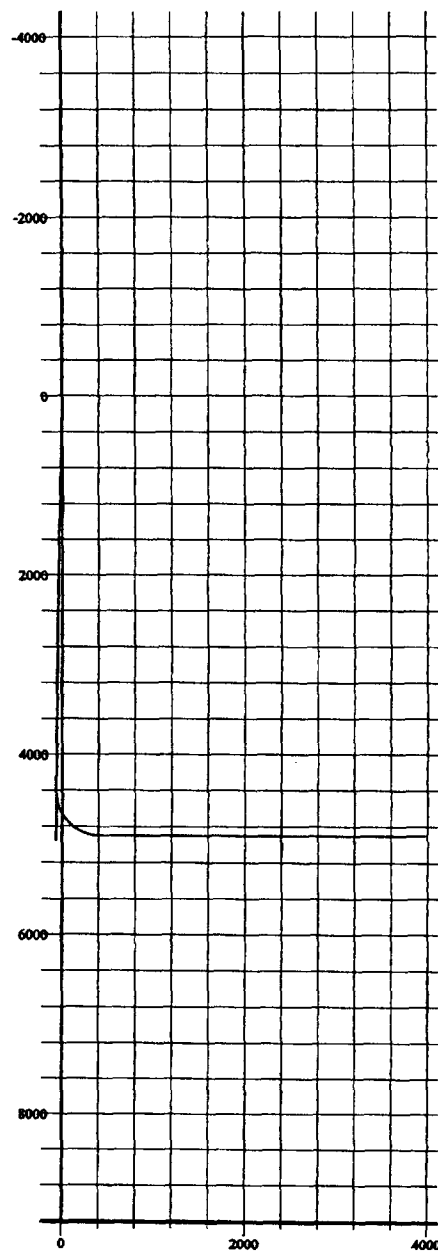
Magnetic Field
Strength: 49710nT
Dip Angle: 60.75°
Date: 8/23/2004
Model: igr2000

South(-)/North(+) [1000ft/in]



West(-)/East(+) [1000ft/in]

True Vertical Depth [2000ft/in]



Vertical Section at 0.04° [2000ft/in]

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 87240
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

Form C-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-015-33597
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: Nile 22 State Com
8. Well Number 1
9. OGRID Number 7377
10. Pool name or Wildcat Wildcat; Wolfcamp

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 _____

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.)

1. Type of Well:
Oil Well ☐ Gas Well ☒ Other _____
2. Name of Operator
BOG Resources Inc.
3. Address of Operator
P.O. Box 2267 Midland, Texas 79702
4. Well Location

RECEIVED

JAN 18 2005

WOLF CAMP

Unit Letter **N** : **660** feet from the **North** line and **1880** feet from the **West** line
Section **22** Township **17S** Range **24E** NMPM County **Eddy**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3753 GR

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☒ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☒

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.

1/2/05 Spud well @ 7:00 am

Ran 9 jts 13 3/8, 40 #, H-40 surface casing set @ 387'.

Cemented as follows: Option 2 Rule 107G

1. Slurry 1, 120 sx Premium Plus w/ 2% CACL, .25lb/sx FLOCKLE, 3% Light, 11.4 #/gal, 2.91 cu.ft./sx, 349.2 cu. ft.

Slurry 2, 205 sx Premium Plus w/ 2% CACL, 14.8 #/gal, 1.34 cu.ft./sx, 274.7 cu. ft.

2. Approximate temperature of cement when mixed - 75 deg F

3. Estimated minimum formation temperature in zone of interest - 77.87 deg F

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 Stan Wagner TITLE Regulatory Analyst DATE 1/13/05

Type or print name Stan Wagner

E-mail address:

Telephone No. 432 686 3689

For State Use Only

APPROVED BY _____ FOR RECORDS ONLY TITLE _____ DATE JAN 18 2005

Conditions of Approval, if any:

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 87240
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

Form C-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-015-33597
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: Nile 22 State Com
8. Well Number 1
9. OGRID Number 7377
10. Pool name or Wildcat Wildcat: Wolfcamp

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 _____

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.)

1. Type of Well:
Oil Well ☐ Gas Well ☒ Other ☐
2. Name of Operator
BOG Resources Inc.
3. Address of Operator
P.O. Box 2267 Midland, Texas 79702
4. Well Location

RECEIVED

JAN 18 2005

Unit Letter **N** : **660** feet from the **North** line and **1880** feet from the **West** line
Section **22** Township **17S** Range **24E** NMPM County **Eddy**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3753 GR

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☐
PLUG AND ABANDON ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	COMMENCE DRILLING OPNS. ☒
CHANGE PLANS ☐	PULL OR ALTER CASING ☐
PULL OR ALTER CASING ☐	PLUG AND ABANDONMENT ☐
MULTIPLE COMPLETION ☐	CASING TEST AND 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.

4. Estimated cement strength at time of casing test - 580 psi

5. Actual time cement in place prior to starting test - 8.25 hrs.

Circulated 90 sx to reserve pit. Tested casing to 1000 psi for 30 min. Test good.

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 Stan Wagner TITLE Regulatory Analyst DATE 1/13/05

Type or print name Stan Wagner

E-mail address:

Telephone No. 432 686 3689

For State Use Only **FOR RECORDS ONLY**

APPROVED BY _____ TITLE _____ DATE JAN 19 2005

Conditions of Approval, if any:

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 87240
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

Form C-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-015-33597
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: Nile 22 State Com
8. Well Number 1
9. OGRID Number 7377
10. Pool name or Wildcat Wildcat; Wolfcamp

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 _____

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.)

1. Type of Well:
Oil Well ☐ Gas Well ☒ Other ☐
2. Name of Operator
BOG Resources Inc.
3. Address of Operator
P.O. Box 2267 Midland, Texas 79702
4. Well Location

RECEIVED

JAN 18 2005

OCD-ARTESIA

Unit Letter **N** : **660** feet from the **North** line and **1880** feet from the **West** line
Section **22** Township **17S** Range **24E** NMPM County **Eddy**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3753 GR

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☐
PLUG AND ABANDON ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	COMMENCE DRILLING OPNS. ☐
CHANGE PLANS ☐	PULL OR ALTER CASING ☐
PULL OR ALTER CASING ☐	PLUG AND ABANDONMENT ☐
MULTIPLE COMPLETION ☐	CASING TEST AND 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.

1/3/05 Ran 28 jts 9 5/8, 40 #, J-55 Intermediate casing set @ 1235'.

Cemented as follows: Option 2 107G

1. Slurry 1, 460 sx Light Premium Plus, .25lb/sx FLOCKLE, 6#/sx salt, 12.7 #/gal, 1.96 cu.ft./sx, 901.6 cu.ft..

Slurry 2, 250 sx Premium Plus w/ 1% CACL, 14.8 #/gal, 1.34 cu.ft./sx, 335 cu.ft..

2. Approximate temperature of cement when mixed - 75 deg F

3. Estimated minimum formation temperature in zone of interest - 86.35 deg F

4. Estimated cement strength at time of casing test - 700 psi

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 Stan Wagner TITLE Regulatory Analyst DATE 1/13/05

Type or print name Stan Wagner

E-mail address:

Telephone No. 432 686 3689

For State Use Only

JAN 19 2005

APPROVED BY _____ FOR RECORDS ONLY TITLE _____ DATE _____

Conditions of Approval, if any:

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 87240
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

Form C-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-015-33597
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: Mile 22 State Com
8. Well Number 1
9. OGRID Number 7377
10. Pool name or Wildcat Wildcat; Wolfcamp

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3753 GR

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 _____

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.)

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

2. Name of Operator
BOG Resources Inc.

3. Address of Operator
P.O. Box 2267 Midland, Texas 79702

4. Well Location
Unit Letter **N** : **660** feet from the **North** line and **1880** feet from the **West** line
Section **22** Township **17S** Range **24E** NMPM County **Eddy**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3753 GR

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. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPLETION ☐	CASING TEST AND 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.

5. Actual time cement in place prior to starting test - 10.5 hrs.

Circulated 146 sx to reserve pit. Tested casing to 2000 psi for 30 min. Test good.

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 NMOC guidelines ☐ , a general permit ☐ or an (attached) alternative OCD-approved plan ☐

SIGNATURE Stan Wagner TITLE Regulatory Analyst DATE 1/13/05

Type or print name Stan Wagner

E-mail address:

Telephone No. 432 686 3689

For State Use Only

FOR RECORDS ONLY

JAN 19 2005

APPROVED BY _____ TITLE _____ DATE _____

Conditions of Approval, if any:

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 87240
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

Form C-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-015-33597
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: File 22 State Com
8. Well Number 1
9. OGRID Number 7377
10. Pool name or Wildcat Wildcat; Wolfcamp

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.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other ☐	RECEIVED
2. Name of Operator EOG Resources Inc.	MAR 01 2005
3. Address of Operator P.O. Box 2267 Midland, Texas 79702	OCD-ARTESIA
4. Well Location Unit Letter N : 660 feet from the South line and 1880 feet from the West line Section 22 Township 17S Range 24E NMPM County Eddy	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3753 GR	
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. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPLETION ☐	CASING TEST AND 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.

2/3/05 TD @ 8125' MD
2/5/05 Ran 175 jts 5 1/2", 17#, P-110 casing set at 8125'.
Cemented w/ 600 sx Interfill C w/ .25lb/sx FLOCKLE, 11.9 ppg, 2.45 cu.ft./sx lead slurry.
Cemented w/ 480 sx Premium Acid Soluble cement, 15 ppg, 2.49 cu.ft./sx tail slurry.
Ran temp survey, TOC @ 110'. Tested casing to 5000 psi for 30 min. Test good.
Released rig.

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 Stan Wagner TITLE Regulatory Analyst DATE 2/15/05

Type or print name Stan Wagner

E-mail address: _____

Telephone No. 432 686 3689

For State Use Only

APPROVED BY _____ FOR RECORDS ONLY TITLE _____ DATE MAR 02 2005

Conditions of Approval, if any: _____

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised March 25, 1999

RECEIVED
OIL CONSERVATION DIVISION
MAR 01 2005 2040 South Pacheco
Santa Fe, NM 87505

Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

1 Operator name and Address EOG Resources, Inc. P.O. Box 2267 Midland, TX 79702		2 OGRID Number 7377
3 Reason for Filing Code RT 5340 MCFED 17 BOPD		
4 API Number 30-0 15-33597	5 Pool Name Wildcat, Wolfcamp	6 Pool Code
7 Property Code	8 Property Name Nile 22 State Com	9 Well Number 1

II. Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
N	22	17S	24E		660	South	1880	West	Eddy

Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
C	22	17S	24E		660	North	1880	West	Eddy
12 Lse Code S	13 Producing Method Code Flowing	14 Gas Connection Date 2/25/05	15 C-129 Permit Number	16 C-129 Effective Date	17 C-129 Expiration Date				

III. Oil and Gas Transporters

18 Transporter OGRID	19 Transporter Name and Address	20 POD	21 O/G	22 POD ULSTR Location and Description
147831	Agave Energy Company		Gas	Same as surface
034053	Plains Marketing, LP		Oil	Same as surface

IV. Produced Water

23 POD	24 POD ULSTR Location and Description
--------	---------------------------------------

V. Well Completion Data

25 Spud Date 1/2/05	26 Ready Date 2/24/05	27 TD 8125 MD	28 PBTD 8034	29 Perforations 5250-7882	30 DHC, MC
31 Hole Size 17 1/2	32 Casing & Tubing Size 13 3/8	33 Depth Set 387	34 Sacks Cement 325 Prem Plus		
12 1/4	9 5/8	1235	720 Prem Plus		
8 3/4 & 7 7/8	5 1/2	8125	600 Interfill C		
			480 Prem Acid Soluble		

VI. Well Test Data

35 Date New Oil	36 Gas Delivery Date 2/25/05	37 Test Date	38 Test Length	39 Tbg. Pressure	40 Csg. Pressure
41 Choke Size	42 Oil	43 Water	44 Gas	45 AOF	46 Test Method

47 I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Stan Wagner</i>		OIL CONSERVATION DIVISION Approved by: <i>[Signature]</i> TIM W. GUM DISTRICT II SUPERVISOR	
Printed name: Stan Wagner		Title:	
Title: Regulatory Analyst		Approval Date: MAR 02 2005	
Date: 2/28/05	Phone: 432 686 3689		

48 If this is a change of operator fill in the OGRID number and name of the previous operator			
Previous Operator Signature		Printed Name	Title
			Date

Submit all req by 3/16/05 or shut in well B & J

3/21/2005

Wellbore Diagram

r263

30-015-33597-00-00

NILE 22 STATE COM No. 001

Company Name: EOG RESOURCES INC

Location: Sec: 22 T: 17S R: 24E Spot:

Lat: 32.8156308966912 Long: -104.578991596309

String Information

Property Name: NILE 22 STATE COM

County Name: Eddy

Cement Information

Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Sqz
0	0			

Formation Information

St Code	Formation	Depth
Psa	San Andres	493
Pgl	Glorieta	1856
Pytu	Tubb	3144
Pabo	Abo	3808
Pwc	Wolfcamp	4930

Hole: Unknown

TD:

TVD: 0

PBTD:

Submit to Appropriate District Office
 State Lease - 6 copies
 Fee Lease - 5 copies
 District I
 1625 N. French, Hobbs, NM 88240
 District II
 811 South First, Artesia, NM 87210
 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 March 25, 1999

WELL API NO. 30-015-33597
5. Indicate Type Of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER _____	7. Lease Name or Unit Agreement Name Nile 22 State Com
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER _____	RECEIVED MAR 17 2005 OCD-ARTESIA
2. Name of Operator BOG Resources Inc.	8. Well No. 1
3. Address of Operator P.O. Box 2267 Midland, Texas 79702	9. Pool name or Wildcat Wildcat; Wolfcamp

4. Well Location
 Unit Letter N : 660 Feet From The South Line and 1880 Feet From The West Line
 Section 22 Township 17S Range 24E NMPM Eddy County

10. Date Spudded 1/2/05	11. Date T.D. Reached 2/3/05	12. Date Compl. (Ready to Prod.) 2/25/05	13. Elevations (DF & RKB, RT, GR, etc.) 3753 GR	14. Elev. Casinghead
15. Total Depth 8125 MD 4837 VD	16. Plug Back T.D. 8034	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By X	Rotary Tools Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name 5250 - 7882, Wolfcamp			20. Was Directional Survey Made Yes	
21. Type Electric and Other Logs Run Neutron Density, Laterolog			22. Was Well Cored Yes	

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	387	17 1/2	325 sx Prem Plus	
9 5/8	40	1235	12 1/4	720 sx Prem Plus	
5 1/2	17	8125	8 3/4 & 7 7/8	600 sx Interfill C	
				480 sx Prem Acid Soluble	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8	4499	4499

26. Perforation record (interval, size, and number) 7880-7450 48 holes 6 SPF 60 deg 6732-6420 48 holes 5822-5250 48 holes	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>7450-7882</td> <td>40000# 100 mesh sd. 35000 # 20/40</td> </tr> <tr> <td>6420-6732</td> <td>40000# 100 mesh sd. 43300 # 20/40</td> </tr> <tr> <td>5250-5822</td> <td>45260# 100 mesh sd. 44240 # 20/40</td> </tr> </table>	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	7450-7882	40000# 100 mesh sd. 35000 # 20/40	6420-6732	40000# 100 mesh sd. 43300 # 20/40	5250-5822	45260# 100 mesh sd. 44240 # 20/40
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED								
7450-7882	40000# 100 mesh sd. 35000 # 20/40								
6420-6732	40000# 100 mesh sd. 43300 # 20/40								
5250-5822	45260# 100 mesh sd. 44240 # 20/40								

28. PRODUCTION							
Date First Production 2/25/05		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing	
Date of Test 3/15/05	Hours Tested 24	Choke Size Open	Prod'n For Test Period	Oil - Bbl. 3	Gas - MCF 4486	Water - Bbl. 22	Gas - Oil Ratio 1495333
Flow Tubing Press. 440	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold	Test Witnessed By
--	-------------------

30. List Attachments
 C-103, C-122, C-104

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

Signature <i>Stan Wagner</i>	Printed Name Stan Wagner	Title Regulatory Analyst	Date 3/15/05
---------------------------------	-----------------------------	-----------------------------	-----------------

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

Northeastern 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 _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 493	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____ 1856	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____ 3144	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____ 3808	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____ 4930	T. _____	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. 2, from to

No. 3, 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

Submit 3 Copies To Appropriate District Office

District I

1625 N. French Dr., Hobbs, NM 87240

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

WELL API NO. 30-015-33597
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: Nile 22 State Com
8. Well Number 1
9. OGRID Number 7377
10. Pool name or Wildcat Wildcat; Wolfcamp

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.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other
2. Name of Operator EOG Resources Inc.
3. Address of Operator P.O. Box 2267 Midland, Texas 79702
4. Well Location Unit Letter N : 660 feet from the South line and 1880 feet from the West line Section 22 Township 17S Range 24E NMPM County Eddy
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3753 GR
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. ☐ PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐	CASING TEST AND CEMENT JOB ☐
OTHER: ☐	OTHER: Completion ☒

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.

2/15/05 Perforate from 7880'-7882' (16 holes), 6 SPF, 60 degree phasing. Pumped 500 gal 15% HCL. SI.
2/17/05 Perforated Wolfcamp from 7450'-7452' (16 holes), 7660'-7662' (16 holes). Total 48 holes. SI.
2/18/05 Frac w/ 4677 bbls slick water, 40000 # 100 Mesh sand, 35000 # 20/40 sand. RIH w/ composite bridge plug @ 6850'. Perforated 6420'-6422' (16 holes), 6600'-6602' (16 holes), 6730'-6732' (16 holes). Total 48 holes. Frac w/ 4927 bbls slick water, 40000 # 100 mesh sand, 43300 # 20/40 sand. RIH w/ composite bridge plug @ 5920'. perforate from 5250'-5252' (16 holes), 5560'-5562' (16 holes), 5820'-5822' (16 holes). Total 48 holes.

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 Stan Wagner TITLE Regulatory Analyst DATE 3/2/05
E-mail address:

Type or print name Stan Wagner

Telephone No. 432 686 3689

For State Use Only

FOR RECORDS ONLY

MAR 21 2005

APPROVED BY _____ TITLE _____ DATE _____

Conditions of Approval, if any:

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 87240
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

WELL API NO. 30-015-33597
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: Nile 22 State Com
8. Well Number 1 RECEIVED
9. OGRID Number 7377 MAR 17 2005
10. Pool name or Wildcat Wildcat; Wolfcamp

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.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other
2. Name of Operator EOG Resources Inc.
3. Address of Operator P.O. Box 2267 Midland, Texas 79702
4. Well Location Unit Letter N : 660 feet from the South line and 1880 feet from the West line Section 22 Township 17S Range 24E NMPM County Eddy
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3753 GR
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 ☐	REMEDIAL WORK ☐
PLUG AND ABANDON ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	COMMENCE DRILLING OPNS. ☐
CHANGE PLANS ☐	PULL OR ALTER CASING ☐
PULL OR ALTER CASING ☐	PLUG AND ABANDONMENT ☐
MULTIPLE COMPLETION ☐	CASING TEST AND CEMENT JOB ☐
OTHER: ☐	OTHER: Completion ☒

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.

2/18/05 Frac w/ 4998 bbls slick water, 45260 # 100 mesh sand, 44240 # 20/40 sand.
2/19/05 Flow back to test tank.
2/20/05 RIH w/ bit and drill out composite bridge plug @ 5922'. Left open to test tank.
2/21/05 RIH w/ bit and drill out CBP @ 6851'. Left open to test tank.
2/22/05 Flow back load& pump 220 bbls 2% KCL to circulate out gas. Drill and push CBP to 8034' PSTD.
Trip in hole w/ 2 7/8" tubing & packer assembly. Set packer @ 4499'.
2/23/05 Swab back load.

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 Stan Wagner TITLE Regulatory Analyst DATE 3/2/05

Type or print name Stan Wagner

E-mail address:

Telephone No. 432 686 3689

For State Use Only

FOR RECORDS ONLY

MAR 21 2005

APPROVED BY _____ TITLE _____ DATE _____

Conditions of Approval, if any:

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 87240
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

Form C-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-015-33597
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: Nile 22 State Com
8. Well Number 1 RECEIVED
9. OGRID Number 7377 MAR 17 2005
10. Pool name or Wildcat: Wildcat; Wolfcamp

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.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other	2. Name of Operator EOG Resources Inc.
3. Address of Operator P.O. Box 2267 Midland, Texas 79702	4. Well Location Unit Letter N : 660 feet from the South line and 1880 feet from the West line Section 22 Township 17S Range 24E NMPM County Eddy
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3753 GR	
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. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPLETION ☐	CASING TEST AND CEMENT JOB ☐	
OTHER: ☐		OTHER: Completion ☒	

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.

2/24/05 Flow back load through test. Waiting on Agave pipeline.
2/25/05 Turned to sales.

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 Stan Wagner TITLE Regulatory Analyst DATE 3/2/05
Type or print name Stan Wagner E-mail address: _____ Telephone No. 432 686 3689

For State Use Only

FOR RECORDS ONLY

APPROVED BY _____ TITLE _____ DATE MAR 21 2005
Conditions of Approval, if any: _____

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

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

State of New Mexico
Energy, Minerals, and Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

Form C-102
Revised August 15, 2000
Submit to Appropriate District Office
State Lease - 4 copies
Fee Lease - 3 copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-33597		2 Pool Code		3 Pool Name Wildcat; Wolfcamp	
4 Property Code		5 Property Name NILE STATE "22" COM			6 Well Number 1
7 OGRID No. 7377		8 Operator Name EOG RESOURCES, INC.			9 Elevation 3753'

" Surface Location

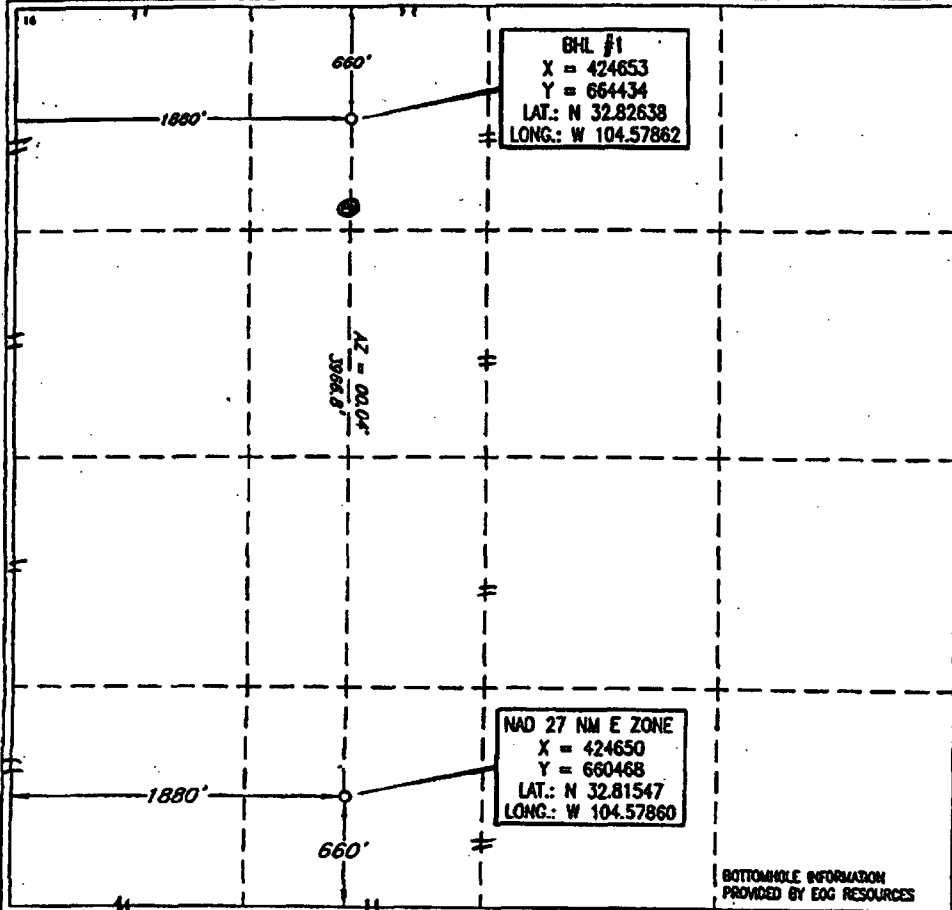
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
N	22	17 SOUTH	24 EAST, N.M.P.M.		660'	SOUTH	1880'	WEST	EDDY

" Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
C	22	17 SOUTH	24 EAST, N.M.P.M.		1333	NORTH	1870	WEST	EDDY

10 Dedicated Acres 320	11 Joint or Infill	12 Consolidation Code	13 Order No.
---------------------------	--------------------	-----------------------	--------------

NO ALLOWABLE WELL 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 contained herein is true and complete to the best of my knowledge and belief. Signature Stan Wagner Printed Name Regulatory Analyst Title 3/15/05 Date " 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. AUGUST 2, 2004 Date of Survey Signature and Seal of Professional Surveyor Certificate Number V. L. BEZNER R.P.S. #7920 JOB #96623 / 101SE / E.U.O.
---	---



McVAY DRILLING COMPANY
Post Office Box 924
Hobbs, New Mexico 88241
(505) 397-3311
FAX: 39-DRILL

Well Name and Number: Nile 22 St Com # 1

Location: Sec.22, T17S, R24E, Lea County NM

Operator: EOG

Drilling Contractor: McVay Drilling Company

The undersigned certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

Degrees @ Depth		Degrees @ Depth		Degrees @ Depth	
1	405	89 ¼	5740	94	8022
1 ½	1235	88 ¼	5782	93	8052
1 ¾	1597	88 ¼	5870		
1 ¾	2072	90 ¾	5997		
¾	2544	89 ½	6280		
½	3019	88 ½	6853		
1 ¼	3972	91 ¼	6979		
¾	4448	92 ½	7011		
2 ½	4439	93 ¾	7138		
1 ½	5100	90 ¾	7201		
4 ½	4471	90	7264		
22	4629	93 ½	7423		
35	4725	93 ½	7549		
52	4852	92 ½	7676		
73 ½	5010	93	7802		
88	5280	93 ½	7898		
90 ¾	5644	94	7991		

Drilling Contractor: McVay Drilling Company

By: Jan Kay

Subscribed and sworn to before me this 8th day of February, 2005

Tina Henderson
Notary Public

My Commission Expires: 8-16-05

Lea County, New Mexico

PERCY**DIRECTIONAL REPORT****WELLNAME:** NILE 22 STATE COM #1H**FIELD:** THAMES**AFE NO.:** 103071**WELL ID NO.:** 042592**API NO.:** 30-015-33597**SURVEY TYPE:** TSS-0**MD:****ANGLE:** 0.00**AZIMUTH:** 0.00**TVD:****N/S:** 0.00**E/W:** 0.00**VS:** 0.00**TARGET:** 0.00

MEASURED DEPTH	INCLINATION ANGLE	AZIMUTH ANGLE	TVD	+NORTH -SOUTH	+EAST -WEST	VERTICAL SECTION	DOGLEG SEVERITY
	0.00	0.00		0.00	0.00	0.00	0.00
193	0.25		193	0.42	0.00	0.42	0.13
385	1.00		385	2.52	0.00	2.52	0.39
569	1.25		569	6.13	0.00	6.13	0.14
890	1.25		890	13.13	0.00	13.13	0.00
1,235	1.50		1,235	21.41	0.00	21.41	0.07
1,597	1.75		1,597	31.67	0.00	31.67	0.07
2,072	1.25		2,071	44.11	0.00	44.11	0.11
2,544	0.75		2,543	52.35	0.00	52.35	0.11
3,019	0.50		3,018	57.53	0.00	57.53	0.05
3,495	0.00		3,494	59.60	0.00	59.60	0.11
3,972	1.25		3,971	64.81	0.00	64.81	0.26
4,448	0.75		4,447	73.11	0.00	73.11	0.11

PERC**DIRECTIONAL REPORT**

WELLNAME: NILE 22 STATE COM #1H

FIELD: THAMES

AFE NO.: 103071

WELL ID NO.: 042592

API NO.: 30-015-33597

SURVEY TYPE: MWD-0MD: 4.400ANGLE: 1.07AZIMUTH: 112.51TVD: 4.399N/S: -62.18E/W: 41.24VS: 62.14TARGET: 0.04

MEASURED DEPTH	INCLINATION ANGLE	AZIMUTH ANGLE	TVD	+NORTH -SOUTH	+EAST -WEST	VERTICAL SECTION	DOGLEG SEVERITY
4,439	2.46	102.89	4,438	-62.51	42.39	-62.48	3.63
4,471	4.48	92.96	4,470	-62.72	44.31	-62.69	6.56
4,503	7.03	87.77	4,502	-62.71	47.52	-62.68	8.13
4,534	10.20	86.37	4,533	-62.46	52.15	-62.43	10.25
4,566	13.28	71.16	4,564	-61.10	58.46	-61.06	13.57
4,597	17.24	53.50	4,594	-57.21	65.53	-57.17	19.56
4,629	21.98	40.58	4,624	-49.84	73.25	-49.78	19.99
4,661	26.64	29.85	4,653	-39.05	80.72	-39.00	20.01
4,693	31.04	21.07	4,681	-25.12	87.26	-25.06	19.05
4,725	35.09	12.72	4,708	-8.43	92.26	-8.37	19.02
4,756	38.95	5.24	4,733	9.98	95.11	10.04	19.12
4,788	42.03	356.98	4,757	30.71	95.47	30.78	19.31
4,820	46.25	351.56	4,780	52.86	93.20	52.93	17.68
4,852	52.06	349.42	4,801	76.72	89.19	76.78	18.85
4,883	58.48	348.98	4,819	101.73	84.41	101.79	20.74
4,915	63.93	348.19	4,834	129.21	78.86	129.26	17.17
4,946	68.24	347.67	4,847	156.91	72.93	156.96	13.99
4,978	71.49	347.67	4,858	186.26	66.52	186.31	10.16
5,010	73.69	348.19	4,867	216.12	60.13	216.16	7.05
5,042	75.01	347.84	4,876	246.26	53.74	246.30	4.26
5,073	76.77	348.28	4,883	275.67	47.52	275.70	5.84
5,105	78.61	348.02	4,890	306.27	41.10	306.30	5.80
5,137	81.16	348.37	4,896	337.10	34.65	337.13	8.04
5,169	85.30	348.37	4,900	368.22	28.25	368.24	12.94
5,201	87.67	348.81	4,902	399.53	21.93	399.54	7.53
5,232	87.67	348.63	4,903	429.90	15.87	429.91	0.58
5,264	88.11	348.28	4,904	461.23	9.47	461.24	1.76
5,296	89.87	348.46	4,905	492.57	3.02	492.57	5.53
5,327	90.84	348.46	4,904	522.94	-3.18	522.94	3.13
5,359	91.80	349.25	4,904	554.33	-9.36	554.32	3.88
5,391	90.92	350.04	4,903	585.80	-15.11	585.79	3.70
5,422	91.01	350.13	4,902	616.33	-20.45	616.32	0.41
5,454	91.19	349.86	4,902	647.84	-26.01	647.82	1.01
5,486	89.16	349.42	4,902	679.32	-31.76	679.29	6.49
5,518	89.52	348.98	4,902	710.75	-37.76	710.72	1.78
5,549	89.96	349.07	4,902	741.18	-43.66	741.15	1.45
5,581	91.01	351.10	4,902	772.70	-49.17	772.66	7.14
5,613	90.75	351.62	4,901	804.33	-53.98	804.29	1.82
5,644	90.84	351.80	4,901	835.00	-58.45	834.96	0.65
5,676	90.40	353.55	4,901	866.74	-62.53	866.70	5.64
5,708	90.31	354.17	4,900	898.56	-65.95	898.51	1.96
5,740	89.34	355.05	4,901	930.41	-68.95	930.37	4.09
5,782	88.02	357.33	4,902	972.31	-71.74	972.26	6.27
5,814	87.76	358.04	4,903	1004.26	-73.04	1004.21	2.36
5,838	88.11	358.39	4,904	1028.23	-73.78	1028.18	2.06
5,870	88.46	359.18	4,905	1060.21	-74.46	1060.16	2.70
5,901	89.08	359.44	4,905	1091.20	-74.83	1091.15	2.17
5,933	88.46	359.18	4,906	1123.19	-75.22	1123.14	2.10
5,965	89.25	359.36	4,907	1155.18	-75.63	1155.13	2.53
5,997	90.84	0.06	4,906	1187.18	-75.79	1187.13	5.43
6,028	91.63	0.59	4,906	1218.17	-75.61	1218.12	3.07
6,060	90.84	359.88	4,905	1250.16	-75.48	1250.11	3.32

PERCY**DIRECTIONAL REPORT**

WELLNAME: NILE 22 STATE COM #1H

FIELD: THAMES

AFE NO.: 103071

WELL ID NO.: 042592

API NO.: 30-015-33597

SURVEY TYPE: MWD-0MD: 4.400ANGLE: 1.07AZIMUTH: 112.51TVD: 4.399N/S: -62.18E/W: 41.24VS: 62.14TARGET: 0.04

MEASURED DEPTH	INCLINATION ANGLE	AZIMUTH ANGLE	TVD	+NORTH -SOUTH	+EAST -WEST	VERTICAL SECTION	DOGLEG SEVERITY
6,092	90.04	359.62	4,905	1282.16	-75.62	1282.11	2.63
6,124	89.87	359.53	4,905	1314.16	-75.86	1314.11	0.60
6,155	92.86	0.23	4,904	1345.15	-75.92	1345.09	9.91
6,187	93.12	0.68	4,902	1377.10	-75.67	1377.05	1.62
6,219	93.12	0.68	4,901	1409.05	-75.29	1409.00	0.00
6,250	92.95	0.76	4,899	1440.01	-74.90	1439.95	0.61
6,282	92.77	0.76	4,898	1471.96	-74.48	1471.91	0.56
6,314	92.68	0.59	4,896	1503.93	-74.10	1503.87	0.60
6,346	92.42	0.94	4,895	1535.89	-73.67	1535.84	1.36
6,377	92.15	0.94	4,893	1566.86	-73.17	1566.81	0.87
6,409	93.21	1.11	4,892	1598.82	-72.59	1598.77	3.35
6,441	93.30	1.11	4,890	1630.76	-71.98	1630.71	0.28
6,472	93.39	1.03	4,888	1661.71	-71.40	1661.66	0.39
6,504	91.98	0.59	4,887	1693.67	-70.95	1693.62	4.62
6,536	90.66	0.32	4,886	1725.66	-70.69	1725.61	4.21
6,567	89.96	359.97	4,886	1756.66	-70.61	1756.61	2.52
6,599	89.78	0.06	4,886	1788.66	-70.61	1788.61	0.63
6,631	89.55	0.36	4,886	1820.65	-70.49	1820.61	1.18
6,662	89.83	0.67	4,886	1851.65	-70.21	1851.60	1.35
6,694	89.55	0.29	4,886	1883.65	-69.94	1883.60	1.48
6,726	88.64	359.97	4,887	1915.65	-69.87	1915.60	3.01
6,758	88.55	359.81	4,888	1947.64	-69.93	1947.59	0.57
6,789	88.46	359.97	4,889	1978.63	-69.99	1978.58	0.59
6,821	88.90	0.41	4,889	2010.62	-69.88	2010.57	1.94
6,853	88.90	0.32	4,890	2042.61	-69.68	2042.56	0.28
6,885	90.04	0.76	4,890	2074.61	-69.38	2074.56	3.82
6,917	90.31	0.85	4,890	2106.60	-68.93	2106.56	0.89
6,948	91.19	1.38	4,890	2137.60	-68.33	2137.55	3.31
6,979	91.36	1.73	4,889	2168.58	-67.48	2168.53	1.25
7,011	92.59	2.08	4,888	2200.54	-66.42	2200.49	4.00
7,042	93.74	2.35	4,886	2231.47	-65.23	2231.42	3.81
7,074	93.56	2.26	4,884	2263.38	-63.94	2263.33	0.63
7,106	93.74	2.70	4,882	2295.28	-62.56	2295.24	1.48
7,138	93.74	2.96	4,880	2327.18	-60.98	2327.13	0.81
7,169	91.98	2.35	4,878	2358.10	-59.55	2358.06	6.01
7,201	90.75	1.73	4,878	2390.07	-58.41	2390.03	4.30
7,233	90.40	1.73	4,877	2422.06	-57.44	2422.02	1.09
7,264	90.13	1.64	4,877	2453.04	-56.53	2453.00	0.92
7,296	89.87	1.64	4,877	2485.03	-55.62	2484.99	0.81
7,328	89.78	1.64	4,877	2517.02	-54.70	2516.98	0.28
7,360	90.84	2.08	4,877	2549.00	-53.66	2548.96	3.59
7,391	91.54	2.78	4,876	2579.96	-52.35	2579.93	3.19
7,423	93.56	3.14	4,875	2611.89	-50.70	2611.85	6.41
7,455	93.74	3.22	4,873	2643.77	-48.93	2643.74	0.62
7,486	93.65	3.22	4,871	2674.66	-47.19	2674.63	0.29
7,517	93.65	3.40	4,869	2705.54	-45.40	2705.51	0.58
7,549	93.47	3.14	4,867	2737.43	-43.58	2737.40	0.99
7,581	92.24	3.05	4,865	2769.34	-41.85	2769.31	3.85
7,612	93.03	3.14	4,864	2800.27	-40.18	2800.24	2.56
7,644	92.68	2.87	4,862	2832.18	-38.51	2832.15	1.38
7,676	92.68	3.05	4,861	2864.10	-36.86	2864.08	0.56
7,708	93.21	3.31	4,859	2896.01	-35.08	2895.99	1.84

PERC^y**DIRECTIONAL REPORT****WELLNAME:** NILE 22 STATE COM #1H**FIELD:** THAMES**AFE NO.:** 103071**WELL ID NO.:** 042592**API NO.:** 30-015-33597**SURVEY TYPE:** MWD-0**MD:** 4.400**ANGLE:** 1.07**AZIMUTH:** 112.51**TVD:** 4.399**N/S:** -62.18**E/W:** 41.24**VS:** 62.14**TARGET:** 0.04

MEASURED DEPTH	INCLINATION ANGLE	AZIMUTH ANGLE	TVD	+NORTH -SOUTH	+EAST -WEST	VERTICAL SECTION	DOGLEG SEVERITY
7,739	93.12	3.40	4,858	2926.91	-33.27	2926.89	0.41
7,770	93.12	3.58	4,856	2957.81	-31.39	2957.79	0.58
7,802	92.95	3.49	4,854	2989.70	-29.42	2989.68	0.60
7,834	92.86	3.58	4,853	3021.60	-27.45	3021.58	0.40
7,866	92.95	3.66	4,851	3053.50	-25.43	3053.48	0.38
7,898	93.47	3.75	4,849	3085.38	-23.36	3085.36	1.65
7,929	93.65	3.93	4,847	3116.25	-21.29	3116.23	0.82
7,960	93.91	3.93	4,845	3147.11	-19.17	3147.10	0.84
7,991	94.18	3.84	4,843	3177.96	-17.08	3177.95	0.92
8,022	94.09	3.58	4,841	3208.82	-15.08	3208.81	0.89
8,052	93.12	3.05	4,839	3238.71	-13.35	3238.70	3.68
8,101	92.51	2.61	4,837	3267.59	-10.93	3267.58	1.53

EOG Resources Inc
Survey Report

Company: EOG Resources
Field: Thames
Site: Nile State "22" Com #1
Well: Nile State "22" Com #1
Wellpath: original openhole

Date: 1/18/2005 Time: 09:15:31
Co-ordinate(NE) Reference: Nile State "22" Com #1, Grid North
Vertical (TVD) Reference: SITE 3771.0
Section (VS) Reference: Well (0.00N,0.00E,0.04Az)
Survey Calculation Method: Minimum Curvature
db: sybase

Field: Thames

Map System: US State Plane Coordinate System 1927
Geo Datum: NAD27 (Clarke, 1866)
Sys Datum: Mean Sea Level

Map Zone: New Mexico, Eastern Zone
Coordinate System: Site Centre
Geomagnetic Model: IGRF2000

Site: Nile State "22" Com #1

Site Position:
From: Map
Position Uncertainty: 0.00 ft
Ground Level: 3753.00 ft

Northings: 660468.00 ft
Eastings: 424650.00 ft

Latitude: 32 48 55.707 N
Longitude: 104 34 42.950 W
Grid Convergence: -0.13 deg

Well: Nile State "22" Com #1

Slot Name:

Well Position: +N/-S 0.00 ft
Position Uncertainty: +E/-W 0.00 ft

Northings: 660468.00 ft
Eastings: 424650.00 ft

Latitude: 32 48 55.707 N
Longitude: 104 34 42.950 W

Wellpath: original openhole

Current Datum: SITE 8/23/2004
Magnetic Data: 49710 nT
Field Strength: 49710 nT
Vertical Section: Depth From (TVD)

Height 3771.00 ft
+N/-S 0.00 ft

Drilled From: Surface 0.00 ft
Tie-on Depth: Mean Sea Level 9.10 deg
Above System Datum: 60.79 deg
Declination: 60.79 deg
Mag Dip Angle: 60.79 deg
+E/-W 0.00 ft

Survey: Survey #1

Start Date:

1/11/2005

Company: EOG Resources Inc
Tool: Keeper Cone, ()

Engineer: eog
Tied-to: From Surface

Survey: Survey #1	MD	Incl	Azim	TVD	+N/-S	+E/-W	VS	DIS	Bu1d	Turn	Tool/Comment
ft	deg	deg	ft	ft	ft	ft	ft	deg/100ft	deg/100ft	deg/100ft	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Keeper Cone
100.00	0.16	253.75	100.00	-0.04	-0.13	-0.04	0.16	0.16	0.16	0.00	Keeper Cone
200.00	0.63	152.56	200.00	-0.37	-0.01	-0.04	0.68	0.47	0.47	-101.19	Keeper Cone
300.00	0.83	176.43	299.99	-1.78	0.28	-1.78	0.36	0.20	0.20	23.87	Keeper Cone
400.00	1.21	140.98	399.97	-3.32	0.99	-3.32	0.72	0.38	0.38	-35.45	Keeper Cone
500.00	1.63	148.26	499.94	-5.35	2.41	-5.35	0.46	0.42	0.42	7.28	Keeper Cone
600.00	1.66	148.24	599.90	-7.79	3.92	-7.79	0.03	0.03	0.03	-0.02	Keeper Cone

700.00	1.63	153.99	699.86	-10.30	NILE 22 GYRO.TXT	0.17	-0.03	5.75	Keeper Cone
800.00	1.52	154.60	799.82	-12.78	5.30	0.11	-0.11	0.61	Keeper Cone
900.00	1.39	141.48	899.79	-14.92	6.50	0.36	-0.13	-13.12	Keeper Cone
1000.00	1.56	142.34	999.76	-16.95	9.41	0.17	0.17	0.86	Keeper Cone
1100.00	1.76	140.43	1099.72	-19.21	11.22	0.21	0.20	-1.91	Keeper Cone
1200.00	1.79	151.09	1199.67	-21.76	12.95	0.33	0.03	10.66	Keeper Cone
1300.00	1.57	142.74	1299.63	-24.22	14.53	0.33	-0.22	-8.35	Keeper Cone
1400.00	1.43	140.23	1399.59	-26.27	16.16	0.15	-0.14	-2.51	Keeper Cone
1500.00	1.48	139.07	1499.56	-28.20	17.81	0.06	0.05	-1.16	Keeper Cone
1600.00	1.39	136.81	1599.53	-30.06	19.48	0.11	-0.09	-2.26	Keeper Cone
1700.00	1.31	136.05	1699.50	-31.77	21.11	0.08	-0.08	-0.76	Keeper Cone
1800.00	1.45	144.96	1799.47	-33.63	22.63	0.26	0.14	8.91	Keeper Cone
1900.00	1.09	145.24	1899.45	-35.45	23.89	0.36	-0.36	0.28	Keeper Cone
2000.00	1.28	143.82	1999.43	-37.13	25.10	0.19	0.19	-1.42	Keeper Cone
2100.00	1.06	135.29	2099.40	-38.69	26.41	0.28	-0.22	-8.53	Keeper Cone
2200.00	1.09	150.34	2199.39	-40.17	27.53	0.28	0.03	15.05	Keeper Cone
2300.00	0.93	148.24	2299.37	-41.69	28.43	0.16	-0.16	-2.10	Keeper Cone
2400.00	1.17	139.54	2399.35	-43.16	29.52	0.29	0.24	-8.70	Keeper Cone

EOG Resources Inc
Survey Report

Company: EOG Resources
Field: Thames
Site: Nile State "22" Com #1
Well: Nile State "22" Com #1
Wellpath: Original Openhole

Date: 1/18/2005 Time: 09:15:31 Page: 2
Co-ordinate(NE) Reference: Site: Nile State "22" Com #1, Grid North
Vertical (TVD) Reference: Well (0.00N, 0.00E, 0.04Az1)
Section (VS) Reference: Minimum Curvature
Survey Calculation Method: Db: Sybase

Survey: MD ft	Survey #1 Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DIS deg/100ft	Bu11d deg/100ft	Turn deg/100ft	Tool/Comment
2500.00	1.08	153.09	2499.34	-44.77	30.60	-44.75	0.28	-0.09	13.55	Keeper Cone
2600.00	0.85	140.54	2599.32	-46.19	31.50	-46.16	0.31	-0.23	-12.55	Keeper Cone
2700.00	0.93	160.13	2699.31	-47.52	32.25	-47.50	0.31	0.08	19.59	Keeper Cone
2800.00	0.79	177.76	2799.30	-48.98	32.55	-48.95	0.30	-0.14	17.63	Keeper Cone
2900.00	0.52	145.55	2899.29	-50.04	32.84	-50.01	0.45	-0.27	-32.21	Keeper Cone
3000.00	0.61	188.81	2999.29	-50.94	33.01	-50.91	0.42	0.09	43.26	Keeper Cone
3100.00	0.55	160.43	3099.28	-51.92	33.09	-51.89	0.29	-0.06	-28.38	Keeper Cone
3200.00	0.18	154.83	3199.28	-52.51	33.32	-52.49	0.37	-0.37	-5.60	Keeper Cone
3300.00	0.34	220.53	3299.28	-52.88	33.19	-52.85	0.31	0.16	65.70	Keeper Cone
3400.00	0.54	186.84	3399.28	-53.57	32.94	-53.55	0.32	0.20	-33.69	Keeper Cone
3500.00	0.48	163.04	3499.27	-54.44	33.01	-54.42	0.22	-0.06	-23.80	Keeper Cone
3600.00	0.27	128.68	3599.27	-54.99	33.32	-54.96	0.30	-0.21	-34.36	Keeper Cone
3700.00	0.33	186.48	3699.27	-55.60	33.45	-55.57	0.45	0.26	57.80	Keeper Cone

3800.00	0.70	151.47	3799.26	-56.59	NILE 22 GYRO.TXT	0.40	0.17	-35.01	Keeper Cone
3900.00	0.71	120.62	3899.26	-57.44	33.69	0.38	0.01	-30.85	Keeper Cone
4000.00	0.86	145.90	3999.25	-58.38	34.51	0.37	0.15	25.28	Keeper Cone
4100.00	0.87	134.56	4099.24	-59.54	35.47	0.17	0.01	-11.34	Keeper Cone
4200.00	0.95	132.19	4199.22	-60.50	36.43	0.23	0.08	-13.37	Keeper Cone
4300.00	1.25	114.11	4299.20	-61.37	37.68	0.33	0.30	-7.08	Keeper Cone
4400.00	1.07	112.51	4399.18	-62.18	39.38	0.18	-0.18	-1.60	Keeper Cone
4500.00	1.39	101.66	4499.16	-62.78	41.24	0.39	0.32	-10.85	Keeper Cone
4600.00	1.20	101.85	4599.14	-63.24	43.29	0.19	-0.19	0.19	Keeper Cone
4700.00	1.36	101.29	4699.11	-63.69	45.50	0.16	0.16	-0.56	Keeper Cone
4800.00	1.01	106.65	4799.09	-64.17	47.69	0.37	-0.35	5.36	Keeper Cone
4900.00	0.99	90.02	4899.07	-64.42	49.70	0.29	-0.02	-16.63	Keeper Cone
4950.00	0.99	113.77	4949.07	-64.60	51.41	0.81	0.00	47.50	Keeper Cone
					52.24				

PathFinder Energy Services

Survey Report

Page 1
Job No: J-WT-0501-0007-WTWT
Date: 1/21/2005
Time: 5:24 am
Wellpath ID: nile_svy
Date Created: 1/14/2005
Last Revision: 1/21/2005

Calculated using the Minimum Curvature Method
Computed using PDS VER2.2.6
Vertical Section Plane: 0.04 deg.

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

EOG Resources
Nile State "22" State Com #1-H
McVay #10
Eddy Co. NM
Sec 22-T17S-R24E
Nile 22 #1-H Survey

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	TVD (ft)	Vertical Section (ft)	Course Length (ft)	TOTAL Rectangular Offsets (ft)		Closure Dist. Dir. (ft) (deg.)	DLS (dg/100ft)
4400.00	1.07	112.51	4399.18	-82.15	0.00	62.18 S	41.24 E	74.61@146.45	0.00
4439.00	2.46	102.89	4438.16	-82.46	39.00	62.51 S	42.39 E	75.53@145.85	3.63
4471.00	4.48	92.96	4470.10	-82.69	32.00	62.72 S	44.31 E	76.80@144.76	6.58
4503.00	7.03	87.77	4501.94	-82.68	32.00	62.71 S	47.52 E	78.58@142.85	8.12
4534.00	10.20	86.37	4532.58	-82.43	31.00	62.46 S	52.15 E	81.37@140.14	10.26
4566.00	13.28	71.16	4563.92	-81.06	32.00	61.10 S	58.46 E	84.56@136.28	13.57
4597.00	17.24	53.50	4593.83	-57.17	31.00	57.21 S	65.53 E	86.96@131.12	19.56
4629.00	21.98	40.58	4623.99	-49.78	32.00	49.84 S	73.25 E	88.56@124.23	19.99
4661.00	26.64	29.85	4663.15	-38.00	32.00	39.05 S	80.72 E	89.67@115.82	20.01
4693.00	31.04	21.07	4681.19	-25.06	32.00	25.12 S	87.26 E	90.81@106.06	19.05
4725.00	35.09	12.72	4708.02	-8.37	32.00	6.43 S	92.28 E	92.64@95.22	19.02
4756.00	38.95	5.24	4732.78	10.04	31.00	9.98 N	95.11 E	95.63@84.01	19.12
4788.00	42.03	356.98	4757.13	30.78	32.00	30.71 N	95.47 E	100.28@72.17	19.31
4820.00	46.25	351.53	4780.09	52.92	32.00	52.88 N	93.20 E	107.16@60.44	17.73
4852.00	52.06	348.42	4801.02	78.78	32.00	78.72 N	89.18 E	117.63@49.29	16.83
4883.00	56.48	348.98	4818.67	101.79	31.00	101.73 N	84.40 E	132.18@39.68	20.74
4915.00	63.83	348.19	4834.08	129.28	32.00	129.21 N	78.85 E	151.36@31.39	17.17
4946.00	68.24	347.67	4846.64	156.96	31.00	156.91 N	72.92 E	173.03@24.93	13.99
4978.00	71.49	347.67	4857.85	186.30	32.00	186.26 N	66.51 E	197.78@19.65	10.16
5010.00	73.69	348.19	4867.23	216.16	32.00	216.12 N	60.12 E	224.32@15.55	7.05
5042.00	75.01	347.84	4875.86	246.29	32.00	246.26 N	53.72 E	252.05@12.31	4.28
5073.00	76.77	348.28	4883.42	275.70	31.00	275.67 N	47.50 E	279.73@9.78	5.64
5105.00	78.61	348.02	4890.24	306.30	32.00	306.27 N	41.08 E	309.01@7.84	5.80
5137.00	81.16	348.37	4895.86	337.12	32.00	337.10 N	34.64 E	338.88@5.87	8.04
5169.00	85.30	348.37	4899.83	368.24	32.00	368.22 N	28.24 E	369.30@4.39	12.94
5201.00	87.67	348.81	4901.59	399.54	32.00	399.52 N	21.92 E	400.13@3.14	7.53
5232.00	87.67	348.63	4902.85	429.81	31.00	429.80 N	15.86 E	430.16@2.11	0.68
5264.00	88.11	348.28	4904.03	461.24	32.00	461.23 N	9.46 E	461.33@1.17	1.76
Projection to the bit									
5313.00	89.50	348.75	4905.05	509.24	48.00	509.24 N	0.28W	509.24@369.97	2.99

PathFinder Energy Services

Survey Report

Page 1
Job No: J-WT-0601-0007-WTWT
Date: 1/25/2006
Time: 4:47 am
Wellpath ID: nile_svy
Date Created: 1/14/2006
Last Revision: 1/25/2006

Calculated using the Minimum Curvature Method
Computed using PDS VER2.2.6
Vertical Section Plane: 0.04 deg.

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

EOG Resources
Nile State "22" State Com #1-H
McVay #10
Eddy Co. NM
Sec 22-T17S-R24E
Nile 22 #1-H Survey

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	TVD (ft)	Vertical Section (ft)	Course Length (ft)	TOTAL Rectangular Offsets (ft)		Closure Dist. (ft)	Dir. (deg.)	DLS (dg/100ft)
5010.00	73.89	348.19	4887.23	216.16	32.00	216.12 N	60.12 E	224.32@	15.55	7.05
5042.00	76.01	347.84	4875.86	246.29	32.00	246.28 N	53.72 E	252.05@	12.31	4.25
5073.00	76.77	348.28	4883.42	276.70	31.00	276.67 N	47.50 E	279.73@	9.78	5.84
5105.00	78.81	348.02	4890.24	306.30	32.00	306.27 N	41.08 E	309.01@	7.64	5.80
5137.00	81.16	348.37	4895.88	337.12	32.00	337.10 N	34.64 E	338.88@	5.87	8.04
5169.00	85.30	348.37	4899.63	368.24	32.00	368.22 N	28.24 E	369.30@	4.39	12.94
5201.00	87.67	348.81	4901.59	399.54	32.00	399.52 N	21.82 E	400.13@	3.14	7.53
5232.00	87.67	348.83	4902.85	429.91	31.00	429.90 N	15.88 E	430.19@	2.11	0.58
5264.00	88.11	348.28	4904.03	461.24	32.00	461.23 N	9.46 E	461.33@	1.17	1.76
5296.00	89.87	348.46	4904.60	492.57	32.00	492.57 N	3.01 E	492.58@	0.35	5.53
5327.00	90.84	348.46	4904.40	522.94	31.00	522.94 N	3.19W	522.95@359.65		3.13
5359.00	91.80	349.25	4903.67	554.32	32.00	554.33 N	9.38W	554.41@359.03		3.88
5391.00	90.92	350.04	4902.91	585.79	32.00	585.80 N	16.13W	585.96@358.52		3.70
5422.00	91.01	350.13	4902.38	616.32	31.00	616.33 N	20.46W	616.87@358.10		0.41
5454.00	91.19	349.86	4901.77	647.82	32.00	647.84 N	26.02W	648.36@357.70		1.01
5486.00	89.16	349.42	4901.67	679.29	32.00	679.31 N	31.78W	680.00@357.32		6.49
5518.00	89.52	348.98	4902.04	710.72	32.00	710.75 N	37.77W	711.78@356.98		1.78
5549.00	89.86	349.07	4902.18	741.15	31.00	741.18 N	43.67W	742.46@356.83		1.45
5581.00	91.01	351.10	4901.91	772.68	32.00	772.70 N	49.18W	774.26@356.36		7.14
5613.00	90.75	351.62	4901.42	804.29	32.00	804.33 N	53.99W	806.14@356.16		1.82
5644.00	90.84	351.80	4900.99	834.96	31.00	835.00 N	58.46W	837.05@356.00		0.85
5676.00	90.40	353.55	4900.64	866.69	32.00	866.74 N	62.54W	868.93@355.87		5.64
5708.00	90.31	354.17	4900.44	898.51	32.00	898.55 N	65.96W	900.87@355.80		1.88
5740.00	89.34	355.05	4900.54	930.36	32.00	930.41 N	68.97W	932.96@355.76		4.09
5782.00	88.02	357.33	4901.51	972.26	42.00	972.30 N	71.78W	974.95@355.78		6.27
5814.00	87.78	358.04	4902.69	1004.21	32.00	1004.28 N	73.05W	1006.91@355.84		2.36
5838.00	88.11	358.39	4903.55	1028.18	24.00	1028.23 N	73.79W	1030.87@355.89		2.06
5870.00	88.46	359.18	4904.51	1060.16	32.00	1060.21 N	74.47W	1062.82@355.96		2.70
5901.00	89.08	359.44	4905.18	1091.15	31.00	1091.20 N	74.85W	1093.76@356.08		2.17
5933.00	89.46	359.18	4905.86	1123.14	32.00	1123.19 N	75.23W	1125.70@356.17		2.10
5965.00	89.25	359.38	4906.60	1155.13	32.00	1155.18 N	75.64W	1157.85@356.25		2.63
5997.00	90.84	0.06	4906.48	1187.12	32.00	1187.18 N	75.80W	1189.56@356.35		5.43
Projection to bit										
6047.00	91.25	1.00	4906.57	1237.11	50.00	1237.17 N	76.34W	1239.46@356.52		2.05

PathFinder Energy Services

Survey Report

Page 1
Job No: J-WT-0501-0007-WTWT
Date: 1/28/2005
Time: 8:10 am
Wellpath ID: nile_svy
Date Created: 1/14/2005
Last Revision: 1/28/2005

Calculated using the Minimum Curvature Method
Computed using PDS VER2.2.6
Vertical Section Plane: 0.04 deg.

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

EOG Resources
Nile State "22" State Com #1-H
McVay #10
Eddy Co. NM
Sec 22-T17S-R24E
Nile 22 #1-H Survey

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	TVD (ft)	Vertical Section (ft)	Course Length (ft)	TOTAL Rectangular Offsets (ft)	Closure Dist. (ft)	Dir. (deg.)	DLS (dg/100ft)
6028.00	91.63	0.59	4905.81	1218.12	31.00	1218.17N 75.83W	1220.51@356.45		3.07
6080.00	90.84	359.88	4905.12	1250.11	32.00	1250.16N 75.49W	1262.44@356.54		3.32
6082.00	90.04	359.62	4904.87	1282.11	32.00	1282.16N 75.83W	1284.36@356.62		2.63
6124.00	89.87	359.53	4904.90	1314.10	32.00	1314.16N 75.87W	1316.35@356.70		0.80
6155.00	92.88	0.23	4904.16	1345.09	31.00	1345.15N 75.94W	1347.26@356.77		9.91
6187.00	93.12	0.88	4902.49	1377.05	32.00	1377.10N 75.68W	1379.18@356.85		1.62
6219.00	93.12	0.68	4900.75	1409.00	32.00	1409.05N 75.30W	1411.06@356.94		0.00
6250.00	92.95	0.76	4899.11	1439.95	31.00	1440.01N 74.91W	1441.95@357.02		0.81
6282.00	92.77	0.76	4897.51	1471.91	32.00	1471.96N 74.49W	1473.85@357.10		0.56
6314.00	92.88	0.59	4895.98	1503.87	32.00	1503.92N 74.11W	1505.75@357.18		0.80
6346.00	92.42	0.84	4894.57	1535.84	32.00	1535.89N 73.69W	1537.66@357.25		1.36
6377.00	92.15	0.94	4893.33	1568.81	31.00	1568.86N 73.18W	1569.57@357.33		0.87
6409.00	93.21	1.11	4891.84	1598.77	32.00	1598.82N 72.81W	1600.47@357.40		3.35
6441.00	93.30	1.11	4890.02	1630.71	32.00	1630.76N 71.99W	1632.36@357.47		0.28
6472.00	93.39	1.03	4888.21	1661.65	31.00	1661.70N 71.41W	1663.24@357.54		0.39
6504.00	91.98	0.59	4886.71	1693.61	32.00	1693.66N 70.98W	1695.15@357.60		4.82
6536.00	90.68	0.32	4885.97	1725.60	32.00	1725.65N 70.70W	1727.10@357.65		4.21
6567.00	89.95	359.97	4885.81	1756.60	31.00	1756.65N 70.63W	1758.07@357.70		2.52
6599.00	89.78	0.06	4885.88	1788.60	32.00	1788.65N 70.82W	1790.05@357.74		0.63
6631.00	89.55	0.31	4886.07	1820.60	32.00	1820.65N 70.51W	1822.02@357.78		1.08
6662.00	89.83	0.87	4886.23	1851.60	31.00	1851.65N 70.25W	1852.98@357.83		1.47
6694.00	89.55	0.28	4886.41	1883.60	32.00	1883.65N 69.95W	1884.95@357.87		1.48
6726.00	88.64	359.97	4886.91	1915.60	32.00	1915.65N 69.91W	1916.92@357.91		3.01
6758.00	88.55	359.81	4887.70	1947.59	32.00	1947.64N 69.97W	1948.86@357.94		0.57
6789.00	88.46	359.97	4888.50	1978.58	31.00	1978.62N 70.03W	1979.86@357.97		0.59
6821.00	88.90	0.41	4889.24	2010.57	32.00	2010.62N 69.92W	2011.83@358.01		1.94
Projection to the bit 6852.00	89.50	0.50	4890.09	2071.58	61.00	2071.61N 69.44W	2072.77@358.08		0.99

PathFinder Energy Services

Survey Report

Page 1
Job No: J-WT-0501-0007-WTWT
Date: 1/31/2005
Time: 4:34 am
Wellpath ID: nls_svy
Date Created: 1/14/2005
Last Revision: 1/31/2005

Calculated using the Minimum Curvature Method
Computed using POS VER2.2.6
Vertical Section Plane: 0.04 deg.

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

EOG Resources
Nls State "22" State Com #1-H
McVay #10
Eddy Co. NM
Sec 22-T17S-R24E
Nls 22 #1-H Survey

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	TVD (ft)	Vertical Section (ft)	Course Length (ft)	TOTAL Rectangular Offsets (ft)	Closure Dist. (ft)	Dir. (deg.)	DLS (dp/100ft)
6504.00	91.98	0.59	4888.71	1693.61	32.00	1693.68 N 70.95W	1695.15	357.60	4.82
6536.00	90.88	0.32	4885.97	1725.60	32.00	1725.65 N 70.70W	1727.10	357.65	4.21
6567.00	89.96	359.97	4885.81	1758.60	31.00	1758.65 N 70.63W	1758.07	357.70	2.52
6599.00	89.78	0.06	4885.88	1788.60	32.00	1788.65 N 70.62W	1790.09	357.74	0.63
6631.00	89.55	0.31	4886.07	1820.60	32.00	1820.65 N 70.51W	1822.02	357.78	1.06
6662.00	89.83	0.67	4888.23	1851.60	31.00	1851.65 N 70.29W	1852.98	357.83	1.47
6694.00	89.55	0.29	4888.41	1883.60	32.00	1883.65 N 69.98W	1884.93	357.87	1.46
6726.00	88.84	359.97	4885.91	1915.60	32.00	1915.65 N 69.91W	1916.92	357.91	3.01
6758.00	88.55	359.81	4887.70	1947.60	32.00	1947.64 N 69.97W	1948.85	357.94	0.57
6789.00	88.46	359.97	4888.50	1978.60	31.00	1978.62 N 70.03W	1979.86	357.97	0.59
6821.00	88.90	0.41	4889.24	2010.57	32.00	2010.62 N 69.92W	2011.63	358.01	1.94
6853.00	88.90	0.32	4889.86	2042.56	32.00	2042.61 N 69.72W	2043.80	358.05	0.28
6885.00	90.04	0.76	4890.15	2074.56	32.00	2074.61 N 69.42W	2075.77	358.08	3.82
6917.00	90.31	0.85	4890.05	2106.55	32.00	2106.60 N 69.97W	2107.73	358.12	0.89
6948.00	91.19	1.38	4889.85	2137.55	31.00	2137.59 N 68.38W	2138.86	358.17	3.31
6979.00	91.36	1.73	4888.96	2168.53	31.00	2168.57 N 67.52W	2169.63	358.22	1.25
7011.00	92.69	2.08	4887.86	2200.49	32.00	2200.54 N 66.48W	2201.54	358.27	4.00
7042.00	93.74	2.35	4886.14	2231.42	31.00	2231.47 N 65.28W	2232.42	358.32	3.81
7074.00	93.68	2.26	4884.11	2263.33	32.00	2263.38 N 63.98W	2264.28	358.38	0.63
7106.00	93.74	2.70	4882.07	2295.24	32.00	2295.28 N 62.60W	2296.13	358.44	1.48
7138.00	93.74	2.96	4879.98	2327.13	32.00	2327.17 N 61.02W	2327.97	358.50	0.81
7169.00	91.98	2.35	4878.44	2358.06	31.00	2358.10 N 59.59W	2358.85	358.55	6.01
7201.00	90.75	1.73	4877.87	2389.03	32.00	2389.07 N 58.40W	2389.78	358.60	4.30
7233.00	90.40	1.73	4877.35	2422.01	32.00	2422.05 N 57.48W	2422.74	358.64	1.09
7264.00	90.13	1.64	4877.21	2453.00	31.00	2453.04 N 56.57W	2453.66	358.68	0.92
7296.00	89.87	1.64	4877.21	2484.89	32.00	2485.03 N 55.66W	2485.65	358.72	0.81
7328.00	89.78	1.64	4877.31	2516.97	32.00	2517.01 N 54.74W	2517.61	358.75	0.28
7360.00	90.84	2.06	4877.13	2548.96	32.00	2549.00 N 53.70W	2549.66	358.79	3.69
7391.00	91.54	2.78	4876.49	2579.92	31.00	2579.98 N 52.36W	2580.40	358.84	3.19
7423.00	93.56	3.14	4875.07	2611.85	32.00	2611.88 N 50.74W	2612.38	358.89	6.41
7455.00	93.74	3.22	4873.03	2643.74	32.00	2643.77 N 48.97W	2644.22	358.94	0.62
projection to bit									
7523.00	93.95	3.22	4868.47	2711.48	68.00	2711.51 N 45.18W	2711.85	359.05	0.31

PathFinder Energy Services

Survey Report

Page 1
Job No: J-WT-0501-0007-WTWT
Date: 2/2/2005
Time: 4:49 am
Wellpath ID: nile_svy
Date Created: 1/14/2005
Last Revision: 2/2/2005

Calculated using the Minimum Curvature Method
Computed using PDS VER2.2.6
Vertical Section Plane: 0.04 deg.

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

EOG Resources
Nile State "22" State Com #1-H
McVay #10
Eddy Co. NM
Sec 22-T17S-R24E
Nile 22 #1-H Survey

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	TVD (ft)	Vertical Section (ft)	Course Length (ft)	TOTAL Rectangular Offsets (ft)	Closure Dist. (ft)	Dir. (deg.)	DLS (dg/100ft)
7011.00	92.59	2.08	4887.86	2200.49	32.00	2200.64N 66.46W	2201.54@358.27		4.00
7042.00	93.74	2.35	4886.14	2231.42	31.00	2231.47N 66.26W	2232.42@358.32		3.61
7074.00	93.68	2.28	4884.11	2263.33	32.00	2263.38N 63.98W	2264.28@358.38		0.63
7106.00	93.74	2.70	4882.07	2295.24	32.00	2295.28N 62.60W	2296.13@358.44		1.48
7138.00	93.74	2.98	4879.88	2327.13	32.00	2327.17N 61.02W	2327.97@358.50		0.81
7169.00	91.98	2.36	4878.44	2358.08	31.00	2358.10N 59.59W	2358.85@358.55		6.01
7201.00	90.75	1.73	4877.87	2390.03	32.00	2390.07N 58.48W	2390.78@358.60		4.30
7233.00	90.40	1.73	4877.35	2422.01	32.00	2422.05N 57.48W	2422.74@358.64		1.09
7264.00	90.13	1.64	4877.21	2453.00	31.00	2453.04N 56.57W	2453.66@358.68		0.92
7296.00	89.87	1.64	4877.21	2484.99	32.00	2485.03N 55.66W	2485.65@358.72		0.61
7328.00	89.78	1.64	4877.31	2516.97	32.00	2517.01N 54.74W	2517.61@358.75		0.28
7360.00	90.84	2.08	4877.13	2548.96	32.00	2549.00N 53.70W	2549.56@358.79		3.59
7391.00	91.54	2.78	4876.49	2579.92	31.00	2579.96N 52.39W	2580.46@358.84		3.19
7423.00	93.66	3.14	4875.07	2611.85	32.00	2611.88N 50.74W	2612.38@358.89		6.41
7455.00	93.74	3.22	4873.03	2643.74	32.00	2643.77N 48.97W	2644.22@358.94		0.62
7486.00	93.65	3.22	4871.03	2674.62	31.00	2674.66N 47.23W	2675.07@358.99		0.29
7517.00	93.65	3.40	4869.08	2705.51	31.00	2705.54N 45.44W	2705.92@359.04		0.58
7549.00	93.47	3.14	4867.07	2737.40	32.00	2737.43N 43.62W	2737.78@359.09		0.99
7581.00	92.24	3.05	4865.48	2769.31	32.00	2769.34N 41.89W	2769.69@359.13		3.85
7612.00	93.03	3.14	4864.05	2800.24	31.00	2800.26N 40.22W	2800.55@359.18		2.56
7644.00	92.68	2.87	4862.46	2832.15	32.00	2832.18N 38.59W	2832.44@359.22		1.38
7676.00	92.68	3.05	4860.96	2864.08	32.00	2864.10N 36.90W	2864.34@359.26		0.66
7708.00	93.21	3.31	4859.32	2895.99	32.00	2896.01N 35.12W	2896.22@359.31		1.84
7739.00	93.12	3.40	4857.81	2926.89	31.00	2926.91N 33.31W	2927.10@359.35		0.41
7770.00	93.12	3.58	4856.92	2957.78	31.00	2957.81N 31.43W	2957.97@359.39		0.58
7802.00	92.95	3.49	4854.22	2989.68	32.00	2989.70N 29.46W	2989.85@359.44		0.60
7834.00	92.86	3.58	4852.80	3021.58	32.00	3021.60N 27.49W	3021.72@359.48		0.40
7866.00	92.95	3.66	4850.98	3053.48	32.00	3053.49N 25.47W	3053.60@359.52		0.38
7898.00	93.47	3.75	4849.19	3085.38	32.00	3085.38N 23.40W	3085.47@359.57		1.85
7929.00	93.65	3.93	4847.26	3116.23	31.00	3116.25N 21.33W	3116.32@359.61		0.82
7960.00	93.91	3.93	4845.22	3147.09	31.00	3147.11N 19.21W	3147.17@359.65		0.84
7991.00	94.18	3.84	4843.03	3177.95	31.00	3177.95N 17.12W	3178.01@359.69		0.92
8047.00	94.30	3.80	4838.89	3233.67	56.00	3233.68N 13.40W	3233.71@359.76		0.23

Projection to the bit

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-104
Revised March 25, 1999

Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

1 Operator name and Address EOG Resources, Inc. P.O. Box 2267 Midland, TX 79702		2 OGRID Number 7377	
4 API Number 30-0 15-33597		3 Reason for Filing Code NM, 2/2005	
5 Pool Name Collins Ranch Wolfcamp		6 Pool Code 7501a	
7 Property Code		8 Property Name Nile 22 State Com	
		9 Well Number 1	

II. Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
N	22	17S	24E		660	South	1880	West	Eddy

Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
C	22	17S	24E		1333	North	1870	West	Eddy

12 Use Code S	13 Producing Method Code Flowing	14 Gas Connection Date 2/25/05	15 C-129 Permit Number	16 C-129 Effective Date	17 C-129 Expiration Date
------------------	-------------------------------------	-----------------------------------	------------------------	-------------------------	--------------------------

III. Oil and Gas Transporters

18 Transporter OGRID	19 Transporter Name and Address	20 POD	21 O/G	22 POD ULSTR Location and Description
147831	Agave Energy Company		Gas	Same as surface
034053	Plains Marketing, LP		Oil	Same as surface
				RECEIVED
				MAR 17 2005
				OPERATION

IV. Produced Water

23 POD	24 POD ULSTR Location and Description
--------	---------------------------------------

V. Well Completion Data

25 Spud Date 1/2/05	26 Ready Date 2/24/05	27 TD 8125 MD	28 PBDT 8034	29 Perforations 5250-7882	30 DHC, MC
31 Hole Size 17 1/2	32 Casing & Tubing Size 13 3/8	33 Depth Set 387	34 Sacks Cement 325 Prem Plus		
12 1/4	9 5/8	1235	720 Prem Plus		
8 3/4 & 7 7/8	5 1/2	8125	600 Interfill c		
			480 Prem Acid Soluble		

VI. Well Test Data

35 Date New Oil 2/25/05	36 Gas Delivery Date 2/25/05	37 Test Date 3/15/05	38 Test Length 24	39 Tbg. Pressure 440	40 Csg. Pressure
41 Choke Size Open	42 Oil 3	43 Water 22	44 Gas 4486	45 AOF	46 Test Method Flowing

47 I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: Stan Wagner		OIL CONSERVATION DIVISION Approved by: TIM W. GUM DISTRICT II SUPERVISOR Approval Date: MAR 21 2005	
Printed name: Stan Wagner		Title:	
Title: Regulatory Analyst		Approval Date:	
Date: 3/15/05	Phone: 432 686 3689		

48 If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature	Printed Name	Title	Date
-----------------------------	--------------	-------	------

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised March 25, 1999

RECEIVED
OIL CONSERVATION DIVISION
MAR 01 2005 2040 South Pacheco
Santa Fe, NM 87505

Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

1 Operator name and Address BOG Resources, Inc. P.O. Box 2267 Midland, TX 79702		2 OGRID Number 7377	
3 Reason for Filing Code RT 5340 MCFED, 17 BOED			
4 API Number 30-0 15-33597	5 Pool Name Wildcat, Wolfcamp	6 Pool Code 1	
7 Property Code 30-0 15-33597	8 Property Name Nile 22 State Com	9 Well Number 1	

II. Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
N	22	17S	24E		660	South	1880	West	Eddy

Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
C	22	17S	24E		660	North	1880	West	Eddy

12 Lse Code	13 Producing Method Code	14 Gas Connection Date	15 C-129 Permit Number	16 C-129 Effective Date	17 C-129 Expiration Date
S	Flowing	2/25/05			

III. Oil and Gas Transporters

18 Transporter OGRID	19 Transporter Name and Address	20 POD	21 O/G	22 POD ULSTR Location and Description
147831	Agave Energy Company		Gas	Same as surface
034053	Plains Marketing, LP		Oil	Same as surface

IV. Produced Water

23 POD	24 POD ULSTR Location and Description

V. Well Completion Data

V. Well Completion Data					
25 Spud Date	26 Ready Date	27 TD	28 PBTD	29 Perforations	30 DHC, MC
1/2/05	2/24/05	8125 MD	8034	5250-7882	
31 Hole Size		32 Casing & Tubing Size	33 Depth Set	34 Sacks Cement	
17 1/2		13 3/8	387	325 Prem Plus	
12 1/4		9 5/8	1235	720 Prem Plus	
8 3/4 & 7 7/8		5 1/2	8125	600 Interfill C	
				480 Prem Acid Soluble	

VI. Well Test Data

35 Date New Oil	36 Gas Delivery Date	37 Test Date	38 Test Length	39 Tbg. Pressure	40 Csg. Pressure
	2/25/05				
41 Choke Size	42 Oil	43 Water	44 Gas	45 AOF	46 Test Method

47 I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Stan Wagner</i>		OIL CONSERVATION DIVISION Approved by: <i>TIM W. GUM</i> Title: DISTRICT II SUPERVISOR	
Printed name: Stan Wagner		Approval Date: MAR 02 2005	
Title: Regulatory Analyst			
Date: 2/28/05	Phone: 432 686 3689		

48 If this is a change of operator fill in the OGRID number and name of the previous operator

TRANSPORTERS TO HONOR TESTING
ALLOWABLE FOR 30 DAYS ONLY
OIL CONSERVATION DIVISION

Previous Operator Signature	Printed Name	Title	Date
-----------------------------	--------------	-------	------

Submit all req by 3/16/05 or shut in well 2X