

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 & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease- 4 Copies
Fee Lease- 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-005-63869	Pool Code 97489	Pool Name Wildcat; Wolfcamp Gas
Property Code 36113	Property Name SWAN "B" 25 FEE	Well Number 2H
OGRID No. 7377	Operator Name EOG RESOURCES, INC.	Elevation 3365'

Surface Location

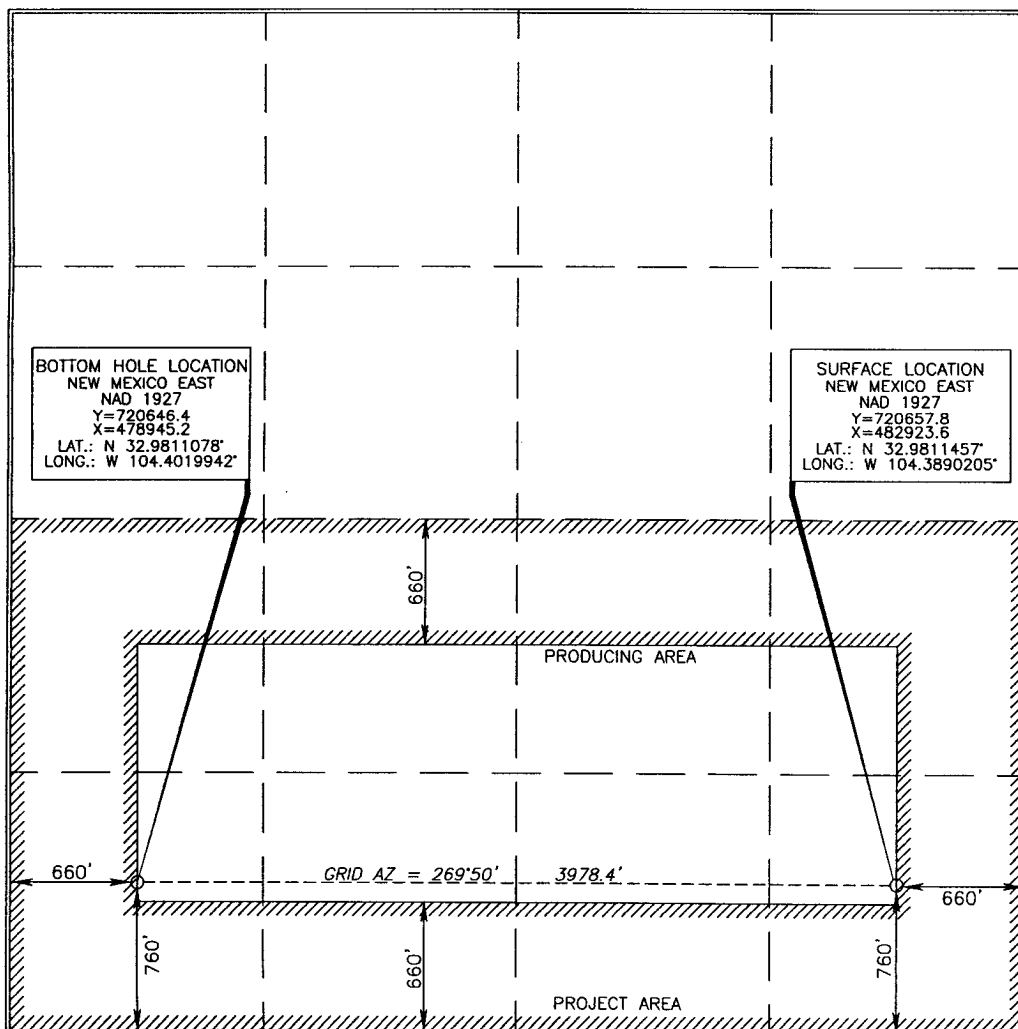
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	25	15 SOUTH	25 EAST, N.M.P.M.		760'	SOUTH	660'	EAST	CHAVES

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
M	25	15 SOUTH	25 EAST, N.M.P.M.		760'	SOUTH	660'	WEST	CHAVES

Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



OPERATOR CERTIFICATION

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

Donny G. Glanton 10/26/06
Signature Date

Donny G. Glanton
Printed Name

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of a survey made by me or under my supervision, and that the same is true and correct to the best of my belief.

OCTOBER 17 2006
Date of Survey

Signature and Seal of Professional Surveyor

Terry G. Paul 10/23/2006
Certificate Number 15079

WO# 061017WL-b(JL)

Permit Information:

Well Name: Swan B 25 Fee #2H

Location:

SL 760' FSL & 660' FEL, Section 25, T-15-S, R-25-E, Chaves Co., N.M.

BHL 760' FSL & 660' FWL, Section 25, T-15-S, R-25-E, Chaves Co., N.M.

Casing Program:

Casing C / 100'	Setting Depth	Hole Size	Casing Size	Casing Weight	Casing Grade	Desired TOC
Surface	900'	12-1/4"	8-5/8"	32#	J-55	Surface
Production	8,773'	7-7/8"	5 1/2"	17#	N-80	Surface

Cement Program:

Depth C / 100'	No. Sacks	Slurries:
900'	150	Lead: Premium Plus + 2% CaCl ₂ + 3% Econolite + 1/4 pps Flocele
	175	Tail: Premium Plus + 2% CaCl ₂ + 1/4 pps Flocele
8,773'	400	Lead: Interfill C + 1/4 pps Flocele
	300	Tail: Premium Cement + 100% Acid Soluble Additive + 0.6% Halad®-344 + 0.8% Econolite + 0.2% HR-55

Mud Program:

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 - 900'	Fresh - Gel	8.6-8.8	28-34	N/c
900' - 4,400'	Cut Brine	8.8-9.2	28-34	N/c
4,400' - 5,250'	Cut Brine	8.8-9.2	28-34	10-15
4,518' - 8,773'	Polymer (Lateral)	9.0-9.4	40-45	10-25



EOG Resources, Inc.
P.O. Box 2267
Midland, TX 79702
(432) 686-3600

October 26, 2006

State of New Mexico Energy, Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

To Whom It May Concern:

I am writing to request a waiver for the inclusion of an H₂S Contingency Plan for the Swan B 25 Fee #2H. The current plan is to complete this well in the Wolfcamp, which is sweet, and I do not anticipate encountering any H₂S bearing formations during drilling operations.

Sincerely,

A handwritten signature in black ink, appearing to read "Jason LaGrega", written over the printed name and title.

Jason LaGrega
Drilling Engineer

EOG RESOURCES INC.

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well Swan B 25 Fee #2H
Company:	EOG - Midland (3)	TVD Reference:	WELL @ 3383.00ft (Original Well Elev)
Project:	Thames	MD Reference:	WELL @ 3383.00ft (Original Well Elev)
Site:	Swan B 25 Fee #2H	North Reference:	Grid
Well:	Swan B 25 Fee #2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Swan B 25 Fee #2H		
Design:	Plan #1		

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

Site	Swan B 25 Fee #2H				
Site Position:		Northing:	720,657.80ft	Latitude:	32° 58' 52.124 N
From:	Map	Easting:	482,923.60ft	Longitude:	104° 23' 20.474 W
Position Uncertainty:	0.00 ft	Slot Radius:	"	Grid Convergence:	-0.03 °

Well	Swan B 25 Fee #2H					
Well Position	+N/-S	0.00 ft	Northing:	720,657.80 ft	Latitude:	32° 58' 52.124 N
	+E/-W	0.00 ft	Easting:	482,923.60 ft	Longitude:	104° 23' 20.474 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	3,365.00 ft

Wellbore	Swan B 25 Fee #2H				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2005	10/26/2006	8.55	60.84	49,401

Design	Plan #1			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	4,932.00	0.00	0.00	269.84

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,518.00	0.00	0.00	4,518.00	0.00	0.00	0.00	0.00	0.00	0.00	
5,275.12	90.00	269.84	5,000.00	-1.35	-482.00	11.89	11.89	0.00	269.84	
6,793.12	90.00	269.84	5,000.00	-5.59	-1,999.99	0.00	0.00	0.00	0.00	
6,859.87	92.00	269.83	4,998.83	-5.78	-2,066.72	3.00	3.00	-0.01	-0.24	
8,772.63	92.00	269.83	4,932.00	-11.40	-3,978.31	0.00	0.00	0.00	0.00	
8,772.72	92.00	269.83	4,932.00	-11.40	-3,978.40	3.00	-2.53	-1.61	-147.58	BHL (Swan B #2H)

EOG RESOURCES INC.

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well Swan B 25 Fee #2H
Company:	EOG - Midland (3)	TVD Reference:	WELL @ 3383.00ft (Original Well Elev)
Project:	Thames	MD Reference:	WELL @ 3383.00ft (Original Well Elev)
Site:	Swan B 25 Fee #2H	North Reference:	Grid
Well:	Swan B 25 Fee #2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Swan B 25 Fee #2H		
Design:	Plan #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00
2,600.00	0.00	0.00	2,600.00	0.00	0.00	0.00	0.00	0.00	0.00
2,700.00	0.00	0.00	2,700.00	0.00	0.00	0.00	0.00	0.00	0.00
2,800.00	0.00	0.00	2,800.00	0.00	0.00	0.00	0.00	0.00	0.00
2,900.00	0.00	0.00	2,900.00	0.00	0.00	0.00	0.00	0.00	0.00
3,000.00	0.00	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00
3,100.00	0.00	0.00	3,100.00	0.00	0.00	0.00	0.00	0.00	0.00
3,200.00	0.00	0.00	3,200.00	0.00	0.00	0.00	0.00	0.00	0.00
3,300.00	0.00	0.00	3,300.00	0.00	0.00	0.00	0.00	0.00	0.00
3,400.00	0.00	0.00	3,400.00	0.00	0.00	0.00	0.00	0.00	0.00
3,500.00	0.00	0.00	3,500.00	0.00	0.00	0.00	0.00	0.00	0.00
3,600.00	0.00	0.00	3,600.00	0.00	0.00	0.00	0.00	0.00	0.00
3,700.00	0.00	0.00	3,700.00	0.00	0.00	0.00	0.00	0.00	0.00
3,800.00	0.00	0.00	3,800.00	0.00	0.00	0.00	0.00	0.00	0.00
3,900.00	0.00	0.00	3,900.00	0.00	0.00	0.00	0.00	0.00	0.00
4,000.00	0.00	0.00	4,000.00	0.00	0.00	0.00	0.00	0.00	0.00
4,100.00	0.00	0.00	4,100.00	0.00	0.00	0.00	0.00	0.00	0.00
4,200.00	0.00	0.00	4,200.00	0.00	0.00	0.00	0.00	0.00	0.00
4,300.00	0.00	0.00	4,300.00	0.00	0.00	0.00	0.00	0.00	0.00
4,400.00	0.00	0.00	4,400.00	0.00	0.00	0.00	0.00	0.00	0.00
4,500.00	0.00	0.00	4,500.00	0.00	0.00	0.00	0.00	0.00	0.00
4,518.00	0.00	0.00	4,518.00	0.00	0.00	0.00	0.00	0.00	0.00
4,600.00	9.75	269.84	4,599.61	-0.02	-6.96	6.96	11.89	11.89	0.00
4,700.00	21.63	269.84	4,695.71	-0.09	-33.95	33.95	11.89	11.89	0.00
4,800.00	33.52	269.84	4,784.19	-0.22	-80.17	80.17	11.89	11.89	0.00
4,900.00	45.41	269.84	4,861.25	-0.40	-143.61	143.61	11.89	11.89	0.00
5,000.00	57.30	269.84	4,923.59	-0.62	-221.57	221.57	11.89	11.89	0.00
5,100.00	69.18	269.84	4,968.53	-0.87	-310.70	310.70	11.89	11.89	0.00
5,200.00	81.07	269.84	4,994.16	-1.14	-407.18	407.18	11.89	11.89	0.00

EOG RESOURCES INC.

Planning Report

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Project:	Thames	MD Reference:	WELL @ 3383.00ft (Original Well Elev)
Site:	Swan B 25 Fee #2H	North Reference:	Grid
Well:	Swan B 25 Fee #2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Swan B 25 Fee #2H		
Design:	Plan #1		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,275.12	90.00	269.84	5,000.00	-1.35	-482.00	482.00	11.89	11.89	0.00
5,300.00	90.00	269.84	5,000.00	-1.42	-506.87	506.88	0.00	0.00	0.00
5,400.00	90.00	269.84	5,000.00	-1.69	-606.87	606.88	0.00	0.00	0.00
5,500.00	90.00	269.84	5,000.00	-1.97	-706.87	706.88	0.00	0.00	0.00
5,600.00	90.00	269.84	5,000.00	-2.25	-806.87	806.88	0.00	0.00	0.00
5,700.00	90.00	269.84	5,000.00	-2.53	-906.87	906.88	0.00	0.00	0.00
5,800.00	90.00	269.84	5,000.00	-2.81	-1,006.87	1,006.88	0.00	0.00	0.00
5,900.00	90.00	269.84	5,000.00	-3.09	-1,106.87	1,106.88	0.00	0.00	0.00
6,000.00	90.00	269.84	5,000.00	-3.37	-1,206.87	1,206.88	0.00	0.00	0.00
6,100.00	90.00	269.84	5,000.00	-3.65	-1,306.87	1,306.88	0.00	0.00	0.00
6,200.00	90.00	269.84	5,000.00	-3.93	-1,406.87	1,406.88	0.00	0.00	0.00
6,300.00	90.00	269.84	5,000.00	-4.21	-1,506.87	1,506.88	0.00	0.00	0.00
6,400.00	90.00	269.84	5,000.00	-4.49	-1,606.87	1,606.88	0.00	0.00	0.00
6,500.00	90.00	269.84	5,000.00	-4.77	-1,706.87	1,706.88	0.00	0.00	0.00
6,600.00	90.00	269.84	5,000.00	-5.05	-1,806.87	1,806.88	0.00	0.00	0.00
6,700.00	90.00	269.84	5,000.00	-5.32	-1,906.87	1,906.88	0.00	0.00	0.00
6,793.12	90.00	269.84	5,000.00	-5.59	-1,999.99	2,000.00	0.00	0.00	0.00
6,800.00	90.21	269.84	4,999.99	-5.60	-2,006.87	2,006.88	3.00	3.00	-0.01
6,859.87	92.00	269.83	4,998.83	-5.78	-2,066.72	2,066.73	3.00	3.00	-0.01
6,900.00	92.00	269.83	4,997.43	-5.89	-2,106.83	2,106.84	0.00	0.00	0.00
7,000.00	92.00	269.83	4,993.94	-6.19	-2,206.77	2,206.78	0.00	0.00	0.00
7,100.00	92.00	269.83	4,990.44	-6.48	-2,306.71	2,306.72	0.00	0.00	0.00
7,200.00	92.00	269.83	4,986.95	-6.78	-2,406.65	2,406.65	0.00	0.00	0.00
7,300.00	92.00	269.83	4,983.46	-7.07	-2,506.58	2,506.59	0.00	0.00	0.00
7,400.00	92.00	269.83	4,979.96	-7.36	-2,606.52	2,606.53	0.00	0.00	0.00
7,500.00	92.00	269.83	4,976.47	-7.66	-2,706.46	2,706.47	0.00	0.00	0.00
7,600.00	92.00	269.83	4,972.97	-7.95	-2,806.40	2,806.41	0.00	0.00	0.00
7,700.00	92.00	269.83	4,969.48	-8.25	-2,906.34	2,906.35	0.00	0.00	0.00
7,800.00	92.00	269.83	4,965.99	-8.54	-3,006.28	3,006.29	0.00	0.00	0.00
7,900.00	92.00	269.83	4,962.49	-8.83	-3,106.21	3,106.23	0.00	0.00	0.00
8,000.00	92.00	269.83	4,959.00	-9.13	-3,206.15	3,206.17	0.00	0.00	0.00
8,100.00	92.00	269.83	4,955.50	-9.42	-3,306.09	3,306.11	0.00	0.00	0.00
8,200.00	92.00	269.83	4,952.01	-9.72	-3,406.03	3,406.04	0.00	0.00	0.00
8,300.00	92.00	269.83	4,948.52	-10.01	-3,505.97	3,505.98	0.00	0.00	0.00
8,400.00	92.00	269.83	4,945.02	-10.30	-3,605.91	3,605.92	0.00	0.00	0.00
8,500.00	92.00	269.83	4,941.53	-10.60	-3,705.85	3,705.86	0.00	0.00	0.00
8,600.00	92.00	269.83	4,938.03	-10.89	-3,805.78	3,805.80	0.00	0.00	0.00
8,700.00	92.00	269.83	4,934.54	-11.19	-3,905.72	3,905.74	0.00	0.00	0.00
8,772.72	92.00	269.83	4,932.00	-11.40	-3,978.40	3,978.42	0.00	0.00	0.00

Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
- hit/miss target									
- Shape									
BHL (Swan B #2H)	0.00	0.00	4,932.00	-11.40	-3,978.40	720,646.40	478,945.20	32° 58' 51.988 N	104° 24' 7.180 W
- plan hits target									
- Point									

WELL DETAILS: Swan B 25 Fee #2H

+N/-S	+E/-W	Northing	Ground Level:	3365.00		
0.00	0.00	720657.80	Easting	482923.60	Latitude	Longitude
					32° 58' 52.124 N	104° 23' 20.474 W
						Slot

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4518.00	0.00	0.00	4518.00	0.00	0.00	0.00	0.00	0.00	
5275.12	90.00	269.84	5000.00	-1.35	-482.00	11.89	269.84	482.00	
6793.12	90.00	269.84	5000.00	-5.59	-1999.99	0.00	0.00	2000.00	
6859.87	92.00	269.83	4998.83	-5.78	-2066.72	3.00	-0.24	2066.73	
8772.63	92.00	269.83	4932.00	-11.40	-3978.31	0.00	0.00	3978.33	
8772.72	92.00	269.83	4932.00	-11.40	-3978.40	3.00	-147.58	3978.42	BHL (Swan B #2H)

