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OCD-ARIESIA

APR 28 2009

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ATS-09-37

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

1a. Type of work: ☒ DRILL ☐ REENTER		7. If Unit or CA Agreement, Name and No. -----
1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone		8. Lease Name and Well No. MOMBA "24" FEDERAL #1H
2. Name of Operator OGX RESOURCES, LLC. (JEFF BIRKELBACH 432-685-1287)		9. API Well No. 30-015-37649
3a. Address P.O. BOX 2064 MIDLAND, TEXAS 79702	3b. Phone No. (include area code) 432-685-1287	10. Field and Pool, or Exploratory WILDCAT-BONE SPRING
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface 660' FNL & 990' FEL SECTION 24 T26S-R28E EDDY CO. At proposed prod. zone 350' FSL & 660' FEL SEC. 24 T26S-R28E		11. Sec., T. R. M. or Blk. and Survey or Area SECTION 24 T26S-R28E
14. Distance in miles and direction from nearest town or post office* Approximately 14 miles South of Malaga New Mexico		12. County or Parish EDDY CO.
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 660'		13. State NM
16. No. of acres in lease 320	17. Spacing Unit dedicated to this well 160	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. NA	19. Proposed Depth MD=11,440 TVD=7400	20. HLM/BIA Bond No. on file NMB_000244
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 2912' GL	22. Approximate date work will start* WHEN APPROVED	23. Estimated duration 45 Days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (s. Item 20 above).
- Operator certification
- Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature <i>Joe T. Janica</i>	Name (Printed/Typed) Joe T. Janica	Date 12/04/08
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Title Permit Eng.	
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Approved by (Signature) <i>Don Peterson</i>	Name (Printed/Typed) Don Peterson	Date APR 22 2009
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Title FIELD MANAGER	Office CARLSBAD FIELD OFFICE
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Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any,

Title 18 U.S.C. Section 1001 and States any false, fictitious or fra

Oil Conservation Division
Case No. 19639

*(Instructions on page 2)

Exhibit No. 10

APPROVAL FOR TWO YEARS

owingly and willfully to make to any department or agency of the United jurisdiction.

CARLSBAD CONTROLLED WATER BASIN

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS
AND SPECIAL STIPULATIONS
ATTACHED

DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 86210

OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

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

DISTRICT III
1000 Rio Brasos Rd., Artesia, NM 87410

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-05-37049	Pool Code	Pool Name WILDCAT-BONE SPRING
Property Code 37675	Property Name MOMBA "24" FEDERAL	Well Number 1H
OGRID No. 217955	Operator Name OGX RESOURCES	Elevation 2912'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	24	26-S	28-E		660	NORTH	990	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	24	26-S	28-E		350	SOUTH	660	EAST	EDDY

Dedicated Acres 160	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

POE 900' FNL & 970' FEL GEODETIC COORDINATES NAD 27 NME Y=376015.6 N X=592478.5 E LAT.=32.033430° N LONG.=104.034903° W BOTTOM HOLE LOCATION Y=371784.4 N X=592825.7 E PROJECT AREA → PRODUCING AREA → EXHIBIT "A"	NM-12559 2912.4' 2910.1' 292.1' 990' 600' GRID AZ. = 175°18'30" HORZ. DIST. = 4246.5' 8.44' 350' 660' 350' OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Joe Janica</i> Signature Date Joe Janica 12/04/08 Printed Name SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. RONALD J. EIDSON OCTOBER 29, 2008 Date Surveyed Signature & Seal of Professional Surveyor <i>Ronald J. Eidson</i> Professional Surveyor Certificate No. GARY EIDSON 12641 RONALD J. EIDSON 3239
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Form 3160-5
(April 2004)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
OGX RESOURCES, LLC. ✓3a. Address P. O. BOX 2064
MIDLAND, TEXAS 797023b. Phone No. (include area code)
432-685-1287

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FNL & 990' FEL SECTION 24 T26S-R28E

UL A

5. Lease Serial No.
NM-125596. If Indian, Allottee or Tribe Name
-----7. If Unit or CA/Agreement, Name and/or No.
-----8. Well Name and No.
MOMBA "24" FEDERAL COM. 1H9. API Well No.
30-015-3704910. Field and Pool, or Exploratory Area
WILDCAT-BONE SPRING11. County or Parish, State
EDDY CO.

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

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

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

- OGX RESOURCES, LLC. Requests the approval to change the End of Hole Location from 660' FEL & 350' FSL Section 24 to 990' FEL & 330' FSL Section 24 T26S-R28E.
- Change the intermediate casing size from 9 5/8" 36# J-55 ST&C to 8 5/8" 32# J-55 ST&C. Add enough additional cement to circulate cement to surface.
- Change the bit size to 7 7/8" to drill out 8 5/8" casing shoe and continue to TD.

SEE ATTACHED FOR
CONDITIONS OF APPROVALEngr. Review *PJT* 2/9/11

RECEIVED

FEB 14 2011

NMOCD ARTESIA

APPROVED

FEB 9 2011

P. J. Fernandez
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Joe T. Janica

Title Permit Eng.

Signature

Date 01/31/11

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

Witness Surface Casing

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-37449	Pool Code	Pool Name WILDCAT-BONE SPRING
Property Code	Property Name MOMBA "24" FEDERAL	Well Number 1H
OGRID No. 217955	Operator Name OGX RESOURCES	Elevation 2912'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	24	26-S	28-E		660	NORTH	990	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	24	26-S	28-E		330	SOUTH	990	EAST	EDDY

Dedicated Acres 160	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

990' POE FEL & 1118' FNL GEODETIC COORDINATES NAD 27 NME Y=376015.6 N X=592478.5 E LAT.=32.033430° N LONG.=104.034903° W BOTTOM HOLE LOCATION Y=371762.1 N X=592495.8 E PROJECT AREA PRODUCING AREA RECEIVED FEB 14 2011 NMOCD-ARTESIA GRID AZ. = 179°45'58" HORIZ. DIST. = 4254.6' GRID AZ. = 179°45'58" HORIZ. DIST. = 4254.6' B.H. = 330'	NM-12559 2912.3' 2912.4' S.L. = 990' 2910.1'	OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: <i>Joe T. Janica</i> Date: 01/31/11 Printed Name: Joe T. Janica 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. OCTOBER 29, 2008 Date Surveyed: LA Signature & Seal of Professional Surveyor: <i>Ronald G. Eidson</i> 17430287 Certificate No. GARY EIDSON 12641 RONALD G. EIDSON 3239
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EXHIBIT "A"

OGX

OGX Resources

Eddy County (NAD27)

Momba 24

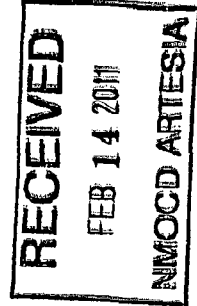
#1H

OH

Plan: Plan #1

Pathfinder X & Y Planning Report

31 January, 2011



PATHFINDER
A Schlumberger Company



Pathfinder

Pathfinder X & Y Planning Report

PATHFINDER
A Schlumberger Company

Company:	OGX Resources	Local Co-ordinate Reference:	Well #1H
Project:	Eddy County (NAD27)	TVD Reference:	WELL @ 2912.00usft (Original Well Elev)
Site:	Momba 24	MD Reference:	WELL @ 2912.00usft (Original Well Elev)
Well:	#1H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan #1	Databases:	EDM 5000.1 Single User Db

Project:	Eddy County (NAD27), New Mexico	System Datum:	Mean Sea Level
Map System:	US State Plane 1927 (Exact solution)		
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site:	Momba 24		
Site Position:		Northings:	378,015.600 usft
From:	Map	Easting:	592,478.500 usft
Position Uncertainty:	0.00 usft	Grid Convergence:	0.16 "

Well:	#1H		
Well Position:	+N-S	Northings:	378,015.600 usft
	+E-W	Easting:	592,478.500 usft
Position Uncertainty:	0.00 usft	Wellhead Elevation:	usft

Wellbore:	OH		
Magnetics:	Model Name	Sample Date	Field Strength (nT)
	IGRF200510	02/01/11	59.95

Design:	Plan #1		
Audit Notes:			
Version:	Phase:	PLAN	Tie On Depth:
Vertical Section:	Depth From (TVD)	+N-S (usft)	Direction
	0.00	0.00	179.77

Survey Tool Program:	Date	01/31/11	
From (usft)	To (usft)	Survey (Wellbore)	Description
0.00	11,106.79	Plan #1 (OH)	MWD - Standard



Pathfinder

Pathfinder X & Y Planning Report



A Schlumberger Company

Company: OGX Resources
Project: Eddy County (NAD27)
Site: Momba 24
Well: #1H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Well #1H
WELL @ 2912.00ust (Original Well Elev)
WELL @ 2912.00ust (Original Well Elev)
Grid
Minimum Curvature
EDM 5000.1 Single User Db

Planned Survey

MD (ust)	AD (")	TVD (ust)	TVDSS (ust)	N/S (ust)	E/W (ust)	V. Sec (ust)	D Leg (°/100ust)	Northing (ust)	Easting (ust)
0.00	0.00	0.00	2,912.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
100.00	0.00	100.00	2,812.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
200.00	0.00	200.00	2,712.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
300.00	0.00	300.00	2,612.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
400.00	0.00	400.00	2,512.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
500.00	0.00	500.00	2,412.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
600.00	0.00	600.00	2,312.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
700.00	0.00	700.00	2,212.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
800.00	0.00	800.00	2,112.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
900.00	0.00	900.00	2,012.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
1,000.00	0.00	1,000.00	1,912.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
1,100.00	0.00	1,100.00	1,812.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
1,200.00	0.00	1,200.00	1,712.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
1,300.00	0.00	1,300.00	1,612.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
1,400.00	0.00	1,400.00	1,512.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
1,500.00	0.00	1,500.00	1,412.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
1,600.00	0.00	1,600.00	1,312.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
1,700.00	0.00	1,700.00	1,212.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
1,800.00	0.00	1,800.00	1,112.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
1,900.00	0.00	1,900.00	1,012.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
2,000.00	0.00	2,000.00	912.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
2,100.00	0.00	2,100.00	812.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
2,200.00	0.00	2,200.00	712.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
2,300.00	0.00	2,300.00	612.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
2,400.00	0.00	2,400.00	512.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
Base of Salt									
2,500.00	0.00	2,500.00	412.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50



Pathfinder

Pathfinder X & Y Planning Report



A Schlumberger Company

Company: OCX Resources
Project: Eddy County (NAD27)
Site: Momba 24
Well: #1H
Wellbore: OH
Design: Plan #1

Local Coordinate Reference: Well #1H
TVD Reference: WELL @ 2912.00ust (Original Well Elev)
MD Reference: WELL @ 2912.00ust (Original Well Elev)
Mud Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

Planned Survey										
MD (usft)	Inc (°)	Alt (°)	TVD (usft)	TVDSS (usft)	WS (usft)	FW (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
2,600.00	0.00	0.00	2,600.00	312.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
2,680.00	0.00	0.00	2,680.00	222.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
Lamar										
2,700.00	0.00	0.00	2,700.00	212.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
2,720.00	0.00	0.00	2,720.00	192.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
Bell Canyon										
2,900.00	0.00	0.00	2,900.00	112.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
2,900.00	0.00	0.00	2,900.00	12.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
3,000.00	0.00	0.00	3,000.00	-88.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
3,100.00	0.00	0.00	3,100.00	-188.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
3,200.00	0.00	0.00	3,200.00	-288.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
3,300.00	0.00	0.00	3,300.00	-388.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
3,400.00	0.00	0.00	3,400.00	-488.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
3,500.00	0.00	0.00	3,500.00	-588.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
3,590.00	0.00	0.00	3,590.00	-678.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
Cherry Canyon										
3,600.00	0.00	0.00	3,600.00	-688.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
3,700.00	0.00	0.00	3,700.00	-788.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
3,800.00	0.00	0.00	3,800.00	-888.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
3,900.00	0.00	0.00	3,900.00	-988.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
4,000.00	0.00	0.00	4,000.00	-1,088.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
4,100.00	0.00	0.00	4,100.00	-1,188.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
4,200.00	0.00	0.00	4,200.00	-1,288.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
4,300.00	0.00	0.00	4,300.00	-1,388.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
4,400.00	0.00	0.00	4,400.00	-1,488.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
4,500.00	0.00	0.00	4,500.00	-1,588.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
4,600.00	0.00	0.00	4,600.00	-1,688.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50

Company: OGX Resources
 Project: Eddy County (NAD27)
 Site: Momba 24
 Well: #1H
 Wellbore: OH
 Design: Plan #1

Local Coordinates Reference:
 TVD Reference:
 MD Reference:
 North Reference:
 Survey Calculation Method:
 Degrees:

Well #1H
 WELL @ 2912.00ustf (Original Well Elev)
 WELL @ 2912.00ustf (Original Well Elev)
 Grid
 Minimum Curvature
 EDM 5000.1 Single User Db

Planned Survey

MD (ustf)	Inc (°)	Adj (°)	TVD (ustf)	TVDSS (ustf)	N/S (ustf)	EW (ustf)	V. Sec (ustf)	D Leg (°100ustf)	Northing (ustf)	Easting (ustf)
4,700.00	0.00	0.00	4,700.00	-1,788.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
4,800.00	0.00	0.00	4,800.00	-1,888.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
Brushy Canyon										
4,900.00	0.00	0.00	4,900.00	-1,988.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
5,000.00	0.00	0.00	5,000.00	-2,088.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
5,100.00	0.00	0.00	5,100.00	-2,188.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
5,200.00	0.00	0.00	5,200.00	-2,288.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
5,300.00	0.00	0.00	5,300.00	-2,388.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
5,400.00	0.00	0.00	5,400.00	-2,488.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
5,500.00	0.00	0.00	5,500.00	-2,588.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
5,600.00	0.00	0.00	5,600.00	-2,688.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
5,700.00	0.00	0.00	5,700.00	-2,788.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
5,800.00	0.00	0.00	5,800.00	-2,888.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
5,900.00	0.00	0.00	5,900.00	-2,988.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
6,000.00	0.00	0.00	6,000.00	-3,088.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
6,100.00	0.00	0.00	6,100.00	-3,188.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
6,200.00	0.00	0.00	6,200.00	-3,288.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
6,300.00	0.00	0.00	6,300.00	-3,388.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
6,400.00	0.00	0.00	6,400.00	-3,488.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
6,450.00	0.00	0.00	6,450.00	-3,538.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
Bone Spring										
6,500.00	0.00	0.00	6,500.00	-3,588.00	0.00	0.00	0.00	0.00	376,015.60	592,478.50
6,591.60	0.00	0.00	6,591.60	-3,678.60	0.00	0.00	0.00	0.00	376,015.60	592,478.50
6,600.00	1.05	179.77	6,600.00	-3,688.00	-0.03	0.00	0.00	12.50	376,015.52	592,478.50
6,625.00	4.17	179.77	6,625.00	-3,712.97	-1.22	0.00	1.22	12.50	376,014.38	592,478.50
6,650.00	7.30	179.77	6,650.00	-3,737.84	-3.72	0.00	3.72	12.50	376,011.88	592,478.51
6,675.00	10.42	179.77	6,675.00	-3,762.54	-7.57	0.00	7.57	12.50	376,008.03	592,478.53

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

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

5. Lease Serial No.
NM-12559

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
OGX Resources LLC

3a. Address
P. O. Box 2064
Midland, Texas 79702

3b. Phone No. (include area code)
432-685-1287

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

8. Well Name and No.
Momba "24" Federal Com #1H

9. API Well No.
30-015-37049

10. Field and Pool or Exploratory Area
Wildcat-Bone Spring

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FNL & 990' FEL, Sec. 24, T26S, R28E

11. Country or Parish, State
Eddy Co, New Mexico

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

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

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

It is OGX's intent to install the Halliburton "swell packer & sleeve" system in the production lateral (see attached drawing). Our original plan was to cement the production 5 1/2" string in the hole. Silver Oak #11 will reach TD on or around April 4, 2011. Subsequently the hole will be conditioned and reamed. The HES system will be run about April 7th. An ECP will be set in the curve +/- 25 degrees with an FO cementer on top. Silver Oak will be rigged down and a workover rig rigged up within seven days to cement the vertical part of the hole from the curve to 500' above the 8 5/8" csg shoe with; 300 sxs lead, 11.8# ppg, 2.43 yield & 200 sxs tail, 13 ppg, 1.42 yield. BLM will be notified 48 hrs prior to cementing. This well frac'd in late April.

See attached as per previous conditions of approval.

Operator is required to make presentation on this procedure. This is required since first operator did this. DENIED

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

Shelley Bush

Title Regulatory Analyst

Signature

Shelley Bush

Date 03/02/2011

Healy to Bureau March 8, 2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

Accepted for record

NMOCD



1. OGX Resources LLC will verify that packer system has been set properly.
2. Tubing head will be tested to pressure, and documentation given to BLM.
3. Pressure gauges with pop off valves will be set at 150 psi shall be put on both 8 5/8" x 5 1/2" annulus and 5 1/2" casing. The BLM (575-361-2822) is to be notified immediately if pressure is detected on by either gauge during the time period while the rig is being moved and the well service unit is installed.
4. Frac tank to be on location with bleed line from well leading to it if pop off valve does receive pressures greater than 150 psi.
5. Gauges to be checked at a minimum 12 hour interval.
6. OGX Resources LLC will notify BLM when drilling rig is moved and when well service unit is connected to the well.
7. A 2000 (2M) BOP/BOPE is to be used with workover rig.
8. No variance for BOP/BOPE testing – BOP/BOPE to be tested per Onshore Order 2.
9. If 75% of greater lost circulation occurs while drilling the intermediate casing hole, the cement on the production casing must come to surface.
10. Subsequent sundry to be submitted detailing work completed and both annular and casing pressure readings.

HALLIBURTON

OGX Resources

Company Rep.

Jeff Birkelbach

Sales Rep.

Lynn Talley

Office

432-882-4305

Eddy County NM

2-Mar-11

Max Rate

Installation	Depth	Length	Jts.	Description	OD	ID	Thru Baffle
Installation	Depth	Length	Jts.	Description	OD	ID	Thru Baffle
				8 5/8" 32# Casing Shoe @ 7777			
#VALUE!				5 1/2" 17# P-110 8rd. LTC Casing	5.500	4.892	
#VALUE!				5 1/2" 8rd LTC Box x 5 1/2" Buttress Pin Crossover Jt.	5.500	4.892	
#VALUE!				5 1/2" 17# P-110 Buttress Casing			
#VALUE!				5 1/2" 14-17# Buttress P8 Cementw	6.865	4.807	
#VALUE!				5 1/2" x 7.0" x 10' Inflatable ECP Buttress BxP	7.000	4.892	
#VALUE!				5 1/2" 17# P-110 Buttress Casing			
#VALUE!				7 7/8" Open Hole Lateral		7.875	
#VALUE!				5.5" x 7.5" x 1M SP LI OS Swellpacker (SP Joint #)	7.500	4.892	
#VALUE!				5 1/2" 17# P-110 Buttress Casing			
#VALUE!				5 1/2" Delta Stem Sleeve Like Buttress BxP	6.500	4.188	100
#VALUE!				5 1/2" 17# P-110 Buttress Casing			
#VALUE!				5.5" x 7.5" x 1M SP LI OS Swellpacker (SP Joint #)	7.500	4.892	
#VALUE!				5 1/2" 17# P-110 Buttress Casing			
#VALUE!				5 1/2" Delta Stem Sleeve Like Buttress BxP	6.500	4.805	100
#VALUE!				5 1/2" 17# P-110 Buttress Casing			
#VALUE!				5.5" x 7.5" x 1M SP LI OS Swellpacker (SP Joint #)	7.500	4.892	
#VALUE!				5 1/2" 17# P-110 Buttress Casing			
#VALUE!				5 1/2" Delta Stem Sleeve Like Buttress BxP	6.500	3.822	100
#VALUE!				5 1/2" 17# P-110 Buttress Casing			
#VALUE!				5.5" x 7.5" x 1M SP LI OS Swellpacker (SP Joint #)	7.500	4.892	
#VALUE!				5 1/2" 17# P-110 Buttress Casing			
#VALUE!				5 1/2" Delta Stem Sleeve Like Buttress BxP	6.500	3.645	100
#VALUE!				5 1/2" 17# P-110 Buttress Casing			
#VALUE!				5.5" x 7.5" x 1M SP LI OS Swellpacker (SP Joint #)	7.500	4.892	
#VALUE!				5 1/2" 17# P-110 Buttress Casing			
#VALUE!				5 1/2" Delta Stem Sleeve Like Buttress BxP	6.500	3.473	100
#VALUE!				5 1/2" 17# P-110 Buttress Casing			
#VALUE!				5.5" x 7.5" x 1M SP LI OS Swellpacker (SP Joint #)	7.500	4.892	
#VALUE!				5 1/2" 17# P-110 Buttress Casing			
#VALUE!				5 1/2" Delta Stem Sleeve Like Buttress BxP	6.500	3.310	100
#VALUE!				5 1/2" 17# P-110 Buttress Casing			
#VALUE!				5.5" x 7.5" x 1M SP LI OS Swellpacker (SP Joint #)	7.500	4.892	
#VALUE!				5 1/2" 17# P-110 Buttress Casing			
#VALUE!				5 1/2" Delta Stem Sleeve Like Buttress BxP	6.500	3.155	100
#VALUE!				5 1/2" 17# P-110 Buttress Casing			
#VALUE!				5.5" x 7.5" x 1M SP LI OS Swellpacker (SP Joint #)	7.500	4.892	
#VALUE!				5 1/2" 17# P-110 Buttress Casing			
#VALUE!				5 1/2" Delta Stem Sleeve Like Buttress BxP	6.500	3.040	100
#VALUE!				5 1/2" 17# P-110 Buttress Casing			
#VALUE!				5.5" x 7.5" x 1M SP LI OS Swellpacker (SP Joint #)	7.500	4.892	
#VALUE!				5 1/2" 17# P-110 Buttress Casing			
#VALUE!				5 1/2" Delta Stem Sleeve Like Buttress BxP	6.500	2.915	100
#VALUE!				5 1/2" 17# P-110 Buttress Casing			
#VALUE!				5.5" x 7.5" x 1M SP LI OS Swellpacker (SP Joint #)	7.500	4.892	
#VALUE!				5 1/2" 17# P-110 Buttress Casing			
#VALUE!				5 1/2" Delta Stem Sleeve Like Buttress BxP	6.500	2.790	100
#VALUE!				5 1/2" 17# P-110 Buttress Casing			
#VALUE!				5.5" x 7.5" x 1M SP LI OS Swellpacker (SP Joint #)	7.500	4.892	
#VALUE!				5 1/2" 17# P-110 Buttress Casing			
#VALUE!				5 1/2" Delta Stem Sleeve Like Buttress BxP	6.500	2.665	100
#VALUE!				5 1/2" 17# P-110 Buttress Casing			
#VALUE!				5.5" x 7.5" x 1M SP LI OS Swellpacker (SP Joint #)	7.500	4.892	
#VALUE!				5 1/2" 17# P-110 Buttress Casing			
#VALUE!				5 1/2" Delta Stem Sleeve Like Buttress BxP	6.500	2.540	100
#VALUE!				5 1/2" 17# P-110 Buttress Casing			
#VALUE!				5.5" x 7.5" x 1M SP LI OS Swellpacker (SP Joint #)	7.500	4.892	
#VALUE!				5 1/2" 17# P-110 Buttress Casing			
#VALUE!				5 1/2" Delta Stem Sleeve Like Buttress BxP	6.500	2.415	92
#VALUE!				5 1/2" 17# P-110 Buttress Casing			
#VALUE!				5.5" x 7.5" x 1M SP LI OS Swellpacker (SP Joint #)	7.500	4.892	
#VALUE!				5 1/2" 17# P-110 Buttress Casing			
#VALUE!				5 1/2" Delta Stem Sleeve Like Buttress BxP	6.500	2.290	83
#VALUE!				5 1/2" 17# P-110 Buttress Casing			
#VALUE!				5.5" x 7.5" x 1M SP LI OS Swellpacker (SP Joint #)	7.500	4.892	
#VALUE!				5 1/2" 17# P-110 Buttress Casing			
#VALUE!				5 1/2" Delta Stem Sleeve Like Buttress BxP	6.500	2.165	74
#VALUE!				5 1/2" 17# P-110 Buttress Casing			
#VALUE!				5.5" x 7.5" x 1M SP LI OS Swellpacker (SP Joint #)	7.500	4.892	
#VALUE!				5 1/2" 17# P-110 Buttress Casing			
#VALUE!				5 1/2" Delta Stem Sleeve Like Buttress BxP	6.500	2.040	65
#VALUE!				5 1/2" 17# P-110 Buttress Casing			
#VALUE!				5.5" x 7.5" x 1M SP LI OS Swellpacker (SP Joint #)	7.500	4.892	
#VALUE!				5 1/2" 17# P-110 Buttress Casing			
#VALUE!				5 1/2" Delta Stem Sleeve Like Buttress BxP	6.500	1.915	58
#VALUE!				5 1/2" 17# P-110 Buttress Casing			
#VALUE!				5.5" x 7.5" x 1M SP LI OS Swellpacker (SP Joint #)	7.500	4.892	
#VALUE!				5 1/2" 17# P-110 Buttress Casing			
#VALUE!				5 1/2" Delta Stem Sleeve Like Buttress BxP	6.500	1.780	50
#VALUE!				5 1/2" 17# P-110 Buttress Casing			
#VALUE!				5.5" x 7.5" x 1M SP LI OS Swellpacker (SP Joint #)	7.500	4.892	
#VALUE!				5 1/2" 17# P-110 Buttress Casing			
#VALUE!				5 1/2" Delta Stem Sleeve Like Buttress BxP	6.500	1.665	44
#VALUE!				5 1/2" 17# P-110 Buttress Casing			
#VALUE!				5.5" x 7.5" x 1M SP LI OS Swellpacker (SP Joint #)	7.500	4.892	
#VALUE!				5 1/2" 17# P-110 Buttress Casing			
#VALUE!				5 1/2" Delta Stem Sleeve Like Buttress BxP	6.500	4.000	
#VALUE!				5 1/2" 17# P-110 Buttress Casing			
#VALUE!				5 1/2" Buttress x 4 1/2" Crossover			
#VALUE!				4 1/2" Ghd Off Collar	5.000		
#VALUE!				4 1/2" 11.6# P-110 Casing Sub	4.500	4.000	
#VALUE!				4 1/2" Float Shoe	5.000		
Enter TD				Bottom of Float Shoe			

OCD-ARTESIA

Form 3160-5
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.5. Lease Serial No.
NM-12559

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2.

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

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other8. Well Name and No.
Momba "24" Federal Com #1H2. Name of Operator
OGX Resources LLC9. API Well No.
30-015-370493a. Address
P. O. Box 2064
Midland, Texas 79702

3b. Phone No. (include area code)

432-685-1287

10. Field and Pool or Exploratory Area
Wildcat-Bone Spring

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FNL & 990' FEL, Sec. 24, T26S, R28E

11. Country or Parish, State
Eddy Co, New Mexico**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

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

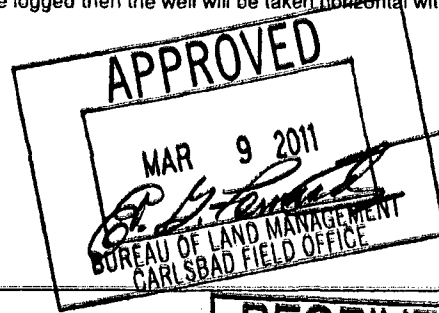
13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths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

OGX Resources LLC would like to request that the following changes be made to the original APD:

- 8 5/8" 32# J-55 STC be substituted for the original 8 5/8" 36# csg. In-as-much the intermediate hole will be drilled 11" instead of 12 1/4". Safety factors and cement details attached.
- A pilot hole will not be necessary to determine a kick-off point. The vertical section will be open hole logged then the well will be taken horizontal with a 7 7/8" bit.

Anticipated spud date for this well is March 15, 2011.

*Original COA Still Applies
See Sundry Dated 1/31/2011*



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

Shelley Bush

Title Regulatory Analyst

Signature

Shelley Bush

Date 03/02/2011

RECEIVED

MAR 14 2011

NMOCD ARTESIA

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

DBB

ENTERED

DRILLING PROGRAM**Geologic Name of Surface Formation:**

Permian

FORMATION TOPS / ANTICIPATED FRESH WATER, OIL, or GAS / PRESSURES

<u>Formation</u>	<u>Depth</u>	<u>Frm Pres</u>	<u>Remarks</u>
Base of Salt	2400'	10 ppge	Drig fluid must be saturated salt water
Lamar	2690'	8.4 ppge	Oil / Gas / Formation water
Bell Canyon	2720'	8.4 ppge	Oil / Gas / Formation water / Poss. H ₂ S
Cherry Canyon	3590'	8.4 ppge	Oil / Gas / Formation water
Brushy Canyon	4800'	8.4 ppge	Oil / Gas / Formation water
Bone Spring	6450'	8.4 ppge	Oil / Gas / Formation water
1 st Bone Spring	7330'	8.4 ppge	Oil / Gas / Formation water
2 nd Bone Spring	8050'	8.4 ppge	Oil / Gas / Formation water

No other formations are expected to yield oil, gas or fresh water in measurable volumes. The surface fresh water sands will be protected by setting 13 3/8" casing at 450' and circulating cement back to surface. Potash/ fresh water sands will be protected by setting 8 5/8" casing at 2600' and circulating cement to the surface. The hydrocarbon producing intervals will be isolated by setting 5 1/2" casing to total depth and circulating cement to surface.

CASING PROGRAM:

<u>HOLE SIZE</u>	<u>DEPTH</u>	<u>OD Csg</u>	<u>WEIGHT</u>	<u>COLLAR</u>	<u>GRADE</u>	<u>NEW/USED</u>
17 1/2"	0-625'	13 3/8"	48	STC	H40	New
11 "	0-2600'	8 5/8"	32	STC	J55	New
7 7/8"	0-6800'	5 1/2"	17	LTC	N80	New
	6800-11440	5 1/2"	17	BTC	N80	New

<u>DEPTH</u>	<u>OD Csg</u>	<u>WEIGHT</u>	<u>factors: Burst / Collapse / Tension</u>		
0-625'	13 3/8"	48	2.76	1.23	10.3 +
0-2600'	8 5/8"	36	1.54	1.53	4.47
0-11440' MD	5 1/2"	17	2.33	1.58	1.79

(51/2 Burst & Collapse Calculated @ 7670' TVD)

CEMENT PROGRAM:**13 3/8" Surface**

Spacer 50 bbls of fresh water
 Slurry Lead: 35:65:6 – Poz: Prem Plus C + 6% Bentonite + 5% salt + 5% MPA-5 + .7% Sodium Metasilicate + 5 lbs LCM + 97.9 fresh water
 Tail: Premium Plus C + 2% CaCl₂ + 56.4% Fresh Water

Cement Properties	Lead	Tail
Est Volume (sacks)	300	200
Density (ppg)	12.80	14.80
Yield (ft ³ /sx)	2.00	1.34
Mix Water, gps	10.21	6.36
Thickening Time, hrs:min		~3:30
Free Water, %		0
Fluid Loss, cc's		~850
Top of Cement	surface	

8 5/8" Intermediate

Spacer 30 bbls of fresh water
 Lead 35:65 = Poz: Prem Plus C + 4% Bentonite + 5% salt + 5% MPA-5 + .7% Sodium Metasilicate + 5 lbs LCM + 99.6% fresh water
 Tail C + 2% CaCl₂ + 56.4% fresh water

Cement Properties	Lead	Tail
Est Volume (sacks)	450	200
Density (ppg)	12.7	14.8
Yield (ft ³ /sx)	2.02	1.34
Mix Water, gps	10.39	6.36
Thickening Time, hrs:min	4:07	3:32
Free Water, %	2.0	0
Fluid Loss, cc's	~750	~600
Top of Cement	surface	