Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
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

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HOBBSOCD

State of New Mexico
Energy, Minerals and Natural Resources

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

Form C-103
June 19, 2008

WELL API NO. 30-025-07009	
5. Indicate Type of Lease STATE ☐ FEE ☑ X	
6. State Oil & Gas Lease No.	
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.)	7. Lease Name or Unit Agreement Name FF Hardison B
1. Type of Well: Oil Well ☐ Gas Well X☑ Other	8. Well Number # 002
2. Name of Operator Exxon Mobil Corporation	9. OGRID Number 007673
3. Address of Operator P.O. Box 4358, CORP-MI-0203, Houston, TX 77210	10. Pool name or Wildcat Blinebry
4. Well Location Unit Letter A : 660 feet from the North line and 610 feet from the East line Section 34 Township 21S Range 37E NMPM County : LEA	
	11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 3391' 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 X☑	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
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.

This Sundry is to request approval of attached P&A Procedures – included is present and proposed wellbore schematic.

* NOTE CHANGES ON PROCEDURE

The Oil Conservation Division **Must be notified 24 hours prior** to the beginning of plugging operations

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

SIGNATURE M. Del Pico TITLE Staff Regulatory Specialist DATE 10/27/2009

Type or print name Mark Del Pico E-mail address: mark.delpico@exxonmobil.com PHONE: 281-654-1926

For State Use Only

APPROVED BY: Maley Brown TITLE Compliance Officer DATE 10/28/2009

Conditions of Approval (if any):

U.S. PRODUCTION

EXXONMOBIL US PRODUCTION
RECOMMENDED WELL-WORK PROCEDURE
Hardison B2
Blinebry-Drinkard-Tubb

SUBSURFACE ENGINEERING

OBJECTIVE: Plug and abandon well

Risk Assessment:

Injection well, no flow potential. Producing wells in the area have been known to have ± 30000 ppm H_2S concentration in their flow stream. Caution should be taken to prevent unexpected H_2S exposure. All personnel on location should be aware of the H_2S content and equipped with proper PPE.

RECOMMENDED PROCEDURE:

1. Execute energy Isolation procedures on all equipment, machinery and valves associated within work scope.
2. Check status of rig anchor test. Call Service Company to perform pull test if required. Move in and rig up well service unit and associated equipment.
3. Kill well by bull heading field salt water down tubing until assured well is dead.
4. Dig out cellar to expose surface and intermediate casing valves: replace as necessary.
5. MIRU plugging equipment on steel matting board.
6. Un-hang well. Unseat pump and POOH laying down rods.
7. ND wellhead. NU hydraulic BOP.
8. Release tubing anchor catcher. POOH with kill string while laying down tubing.
9. Run in hole with work string and CIBP and set it at 5400'.
10. Circulate well with ~ 60 bbls/22 sacks plugging mud.
11. Spot 25 sacks of class C cement on top of CIBP (~5160 – 5400')
12. PUH with work string to 3150'.
13. Spot 25 sacks of class C cement with 2% $CaCl_2$ (~2910-3150'). Wait on cement and tag. While WOC, observe well for gas migration. (This plug is to cover the Yates zone, which has troubled us in the past with its high-pressure nitrogen gas)
14. PUH with work string to 2500'. PERF @ 2450'
15. ~~Spot~~ SQZ 25 sacks of class C cement with 2% $CaCl_2$ (~2260-2500'). Wait on cement and tag. (This plug covers the bottom of the salt, as found in well file records).
16. PUH with work string to 1250'. PERF @ 1200'.

17. ~~Spot~~ 25 sacks of class C cement with 2% $CaCl_2$ (~1010-1250'). Wait on cement and tag. (This plug is to cover the top of the anhydrite zone as described in the well files).

18. PUH with work string to 400' PERF @ 418'

19. Circulate well with 50 sacks class C cement from 400' to surface circulating good cement to ground level. ADJUST CMT VOLUME FOR 5½ - 7⅝ 7⅝ - 10 3/4

20. POH laying down work string.

21. Circulate the well clean with fresh water opening all of the valves to ensure that no cement remains

22. Mechanically cut 5 ½" casing one foot below surface casing valve to ensure a good cut.

23. NDBOP. NDWH.

24. Spear casing and remove stub.

25. RIH one joint tubing and circulate well with cement. Lay down and wash up tubing and pump.

26. Rig down all plugging equipment.

27. Cut off wellhead and anchors 3' below ground level, cap well.

APPENDIX:

Hole Size (in)	Casing (in)	TOC behind pipe (ft)	Casing Capacity (ft^3/ lin. Ft)	Slurry Volume (ft^3/sk)
6.75	5.5	2820 (Temp. Survey)	0.137	1.32
9.875	7.625	1441(calculated)	0.2648	1.32
13	10.75	0 (circ. to surface)	0.5508	1.32

Table 1: Hole, Casing, and Cement Information

Annular Description	Annular Capacity (ft^3/ lin. ft)
5.5" X 6.75" OH	0.0835
7.625" X 9.875" OH	0.2148
10.75" X 13" OH	0.2915
5.5" X 7.625"	0.0999
7.625" X 10.75"	0.2338

Table 2: Annular Information

Wellbore Schematic - User's Template

ExxonMobil Production Company

Well: Hardison B 2

Field: Blinebry-Drinkard-Tubb

Printed: 10/26/2009 Page #1 of 1 Page(s)

Well Header

Lease	County/Distnct	Territory/State	Last Mod By Any	Last Mod Date Any (UTC) Edit
F F Hardison B	Lea	New Mexico	dmsutto	10/23/2009

Surface Legal Location	Land Survey System	Well Identifier	ID Surface Location
	Township Range Section	3002507009	712C4BC4D63F1F88E04400144F

Original KB Elevation (ft)	KB-Ground Distance (ft)	Ground Elevation (ft)	Well Spud Date/Time	Basin
3,404 00			1/1/1957	430

Transform Code. 60106 - Hardison B 2. 10/26/2009 8.39.41 AM

ftKB (MD)	ftKB (TVD)	Incl	Schematic - Actual
0			
368			
1,010			
1,441			
2,500			
2,822			
2,910			
5,160			
5,403			
5,453			
5,463			
5,472			
5,488			
5,500			
5,516			
5,619			
5,642			
5,645			
5,651			
5,661			
5,664			
5,667			
5,675			
5,680			
5,692			
5,702			
5,704			
5,708			
5,711			
5,714			
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5,724			
5,726			
5,729			
5,745			
5,749			
5,751			
5,801			
5,818			
5,890			
5,902			
5,918			
5,975			
6,058			
6,125			
6,190			
6,242			
6,375			
6,385			
6,395			
6,415			
6,450			
6,465			
6,510			
6,572			
6,575			

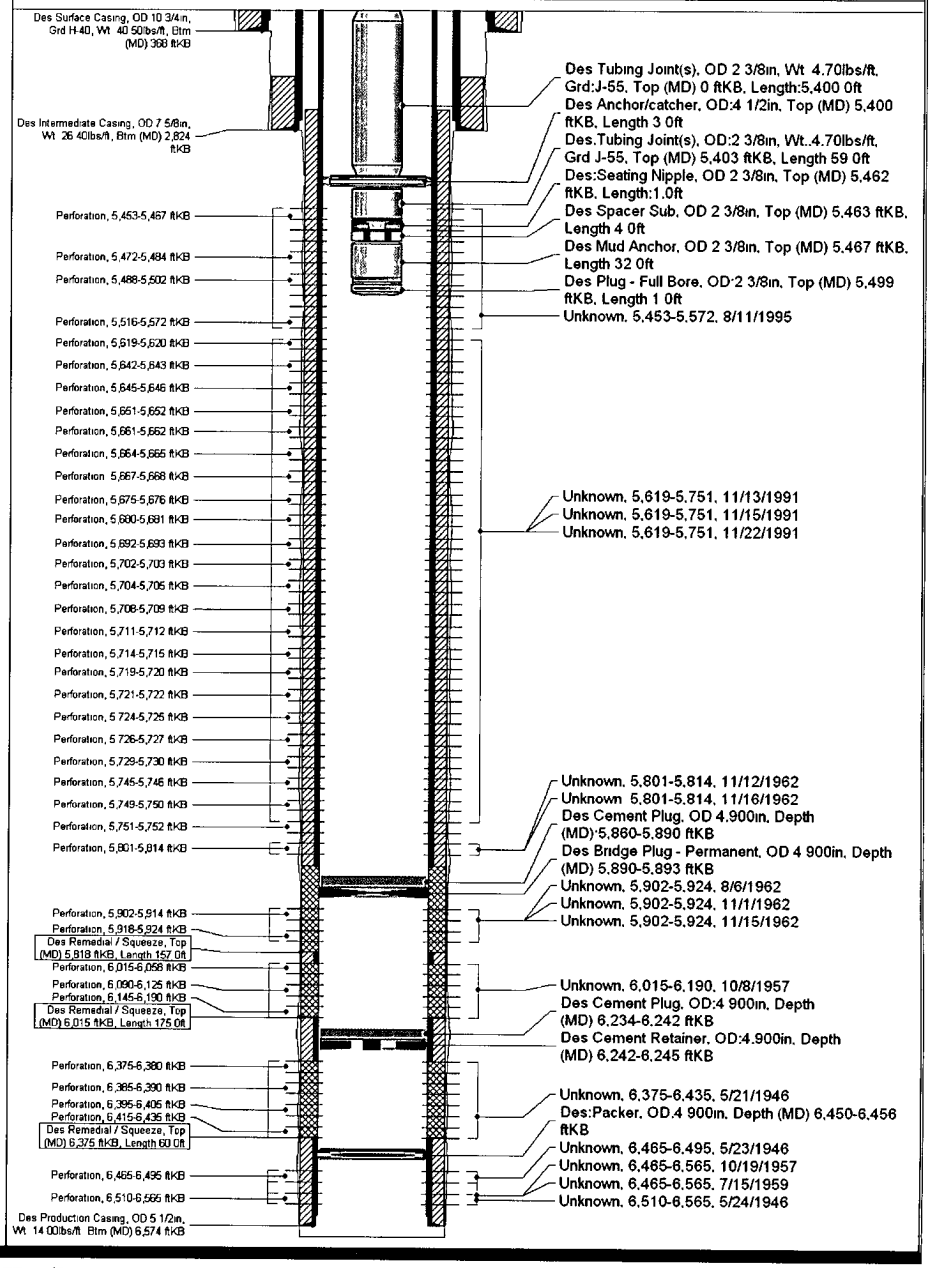

Figure 1: Current State of Hardison B2

Wellbore Schematic - User's Template

ExxonMobil Production Company

Well: Hardison B 2

Field: Blinebry-Drinkard-Tubb

Printed 10/26/2009 Page #1 of 1 Page(s)

Well Header

Lease	*County/District*	*Territory/State*	*Last Mod By Any*	*Last Mod Date Any (UTC)* Edit
F F Hardison B	Lea	New Mexico	dmsutto	10/23/2009

Surface Legal Location	*Land Survey System*	*Well Identifier*	*ID Surface Location*
	Township Range Section	3002507009	712C4BC4D63F1F88E04400144F .

Original KB Elevation (ft)	*KB-Ground Distance (ft)*	*Ground Elevation (ft)*	*Well Spud Date/Time*	*Basin*
3,404.00			1/1/1957	430

ftKB (MD)	Incl	ftKB (TVD)
0		
368		
1,010		
1,441		
2,500		
2,822		
2,910		
5,160		
5,403		
5,453		
5,463		
5,472		
5,488		
5,500		
5,516		
5,619		
5,642		
5,645		
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5,661		
5,664		
5,667		
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5,692		
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6,510		
6,572		
6,575		

Schematic - Proposed

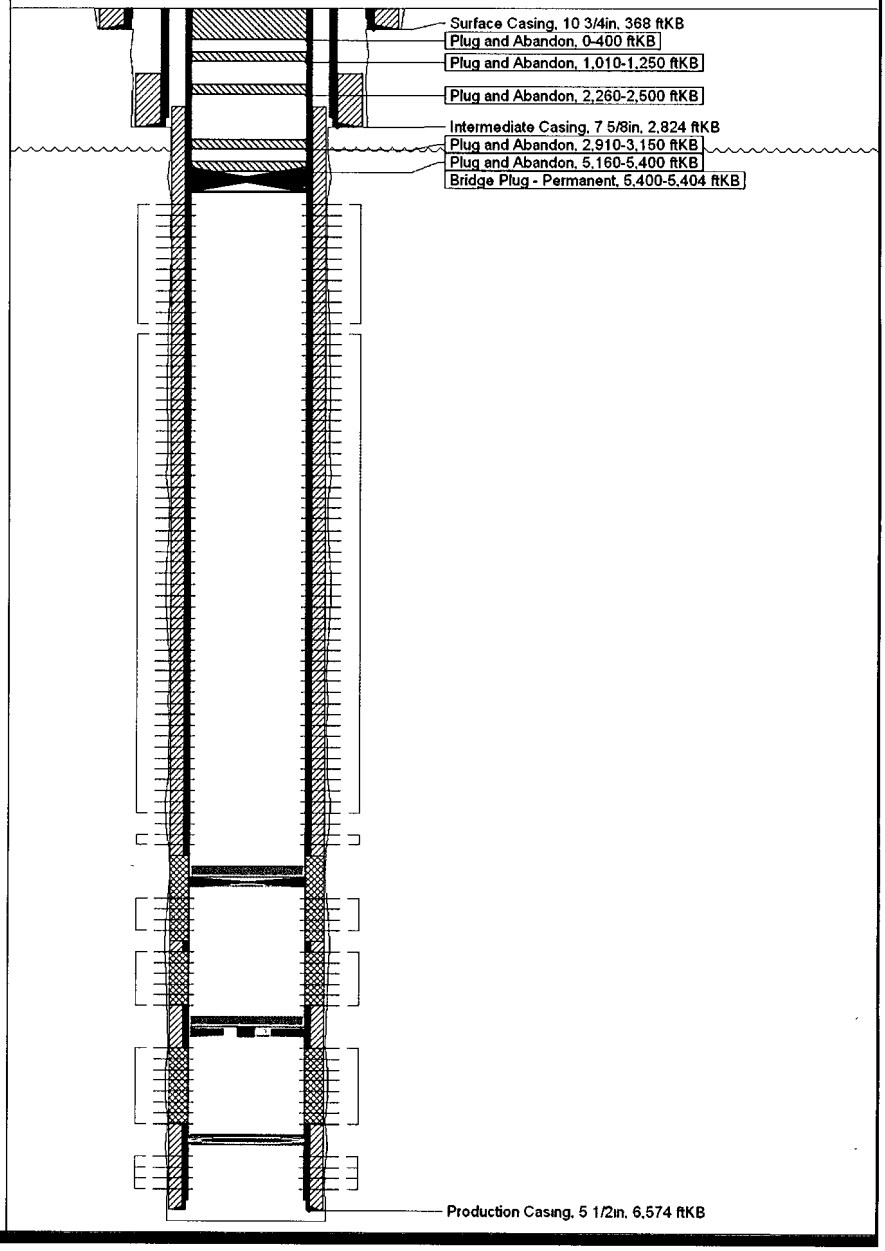

Figure 2: Proposed State of Hardison B2