



Southern Business Unit

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Houston, TX 77056-2799

Telephone: (713) 296-2096
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October 27, 2005

New Mexico Oil Conservation Division District II
2040 South Pacheco Street
Santa Fe, New Mexico 87505

RECEIVED

OCT 31 2005

OUU-ARTESIA

RE: Bone Flats Federal 12 No. 6

Ladies and Gentlemen:

30-015-29192

In reviewing the inactive well list from the New Mexico OCD web page, I found that your website was missing an application filed with the BLM in Roswell. This application contains details of Marathon's work over to squeeze off the Upper Penn formation perforations in the well, and then subsequently deepen the well to the Morrow formation.

Logs were used to determine that the well was of no economic value as a Morrow producer. When that determination was made the well was plugged back to a point above the squeezed Upper Penn perforations, and a casing integrity test was run on the well in order to temporarily abandon the well. A sundry notice was sent to the BLM with an attachment showing details of the well work performed and requesting TA status. The original casing test chart was also sent to the BLM.

I am including with this letter a copy of the approved sundry from the BLM, a copy of the operations summary, and a copy of the original integrity test chart., a set of the logs used to determine the economic value of the Morrow formation, and a well bore diagram showing the well as it is at the present time.

I apologize for not having followed up to make sure that the NMOCD had received copies of these documents when they were originally filed with the BLM. If I can provide any further information please contact me at ph 713-296-2096 or through email at cekendrix@marathonoil.com

Sincerely,

Charles E. Kendrix

Charles E. Kendrix
Engineering Technician
Marathon Oil Company

Accepted for record - NMOCD

As Per Alexis S. on 11-1-05 - the well was not approved for TA. - but the T.A. date is past the 1 year Allowed on TA. so No T.A. status -

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OPERATOR'S COPY

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM05551A
2. Name of Operator MARATHON OIL COMPANY		6. If Indian, Allottee or Tribe Name
3a. Address P O BOX 3128 HOUSTON, TX 77253		7. If Unit or CA/Agreement, Name and/or No. NMNM91035
3b. Phone No. (include area code) Ph: 713.296.3254		8. Well Name and No. BONE FLATS 12 6
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 12 T21S R23E SESW 660FSL 1980FWL		9. API Well No. 30-015-29192-00-S1
		10. Field and Pool, or Exploratory S DAGGER DRAW
		11. County or Parish, and State EDDY COUNTY, NM

RECEIVED

OCT 31 2005

OD-ART-01A

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize
<input checked="" type="checkbox"/> Subsequent Report	<input checked="" type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Plug Back
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Water Disposal
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input type="checkbox"/> Other

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/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 recompleat 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.)

Deepening to Morrow commenced on 4-27-04. After review of prospect zone, well was TA. Plugs were set as per BLM's Jim Amos recommendations. Complete summary of operations attached. Chart of casing test attached.

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #32043 verified by the BLM Well Information System
For MARATHON OIL COMPANY, sent to the Carlsbad
Committed to AFMSS for processing by LINDA ASKWIG on 06/22/2004 (04LA0489SE)**

Name (Printed/Typed) MIKE MICK	Title SR. ADV. ENG. TECH
Signature (Electronic Submission)	Date 06/16/2004

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED	ALEXIS C SWOBODA Title PETROLEUM ENGINEER	Date 06/24/05
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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 Carlsbad

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.

Operations Summary Report

Legal Well Name: BONE FLATS FEDERAL 12 6
 Common Well Name: BONE FLATS FEDERAL 12 6
 Event Name: RE-ENTRY
 Contractor Name: KEY ENERGY SERVICES
 Rig Name: KEY ENERGY SERVICES

Spud Date: 4/30/2004
 End:
 Group:
 Start: 4/30/2004
 Rig Release:
 Rig Number: 115

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
4/27/2004	06:00 - 07:30 07:30 - 18:00	1.50 10.50	RIG PLRNRP	MIRU PTBG	MIRU OTHER	Move in / RU Rig, Workover Unit, etc. Pull/Run/Repair Production Tubing Bled off psi. ND wellhead. NU manual BOPs w/ Torus. Function tested Torus. Tailgate safety meeting. RU CUDD crane and coiled tubing unit. POH standing back 259 jts of 2 7/8" tbg and coiling 8069' of 1.25" SS CT. Note: Tubing externally looked good with the bottom 2000' coated in powder type scale. The coiled tbg was in fair shape with the exception of the lower 2500'. Many holes were encountered as well as parted tubing in 3 different areas. Had to cut and LD last 600'. RD CUDD. PU 6 1/8" bit & casing scraper - RIH on 10 stand killstring. ND Torus. SDFN
4/28/2004	06:30 - 18:00	11.50	TEST	CSG	WBPR	Test Casing, liner, tubing PJSM. RU hydrotesters. RIH testing 259 jts of 2 7/8" tbg to 5000 psig below the slips. All tbg tested good. RD hydrotesters. TOH w/ tbg. LD bit & scraper. PU 7"EZ drill cement retainer. RIH on 251 jts of tbg - left swinging @ 7800'. SDFN
4/29/2004	06:30 - 20:00	13.50	CEMT	SQZ	CSGRPR	Cement Squeezing Operations Tailgate safety meeting. Set EZSV retainer @ 7600'. Stung out with setting tool. Stung back in loaded backside with 82 bbls of water. Noticed weight indicator showed weight gain. Started in hole w/ tbg - went down 140' - encountered retainer again. Attempted pushing retainer below the perms. No success. POOH w/ tbg. LD setting tool. PU 4 1/4" drill line bailer to retainer. Drove retainer to bottom. POH - LD bailer. RIH w/ killstring. SDFN
4/30/2004	06:30 - 16:00	9.50	CEMT	SQZ	CSGRPR	Cement Squeezing Operations Tailgate safety meeting. RIH w/ another 7" EZSV retainer to 7532'. Set retainer. Stung out with setting tool. RU Halliburton pump truck. Stung back in loaded backside & tested to 500 psig. OK Loaded tbg to retainer (46 bbls) started injection rate - injection of 1.8 BPM @ 1600 psig. Backside pressure coming up. Attempted this twice - same result. Called Don Hall. The well possibly has bad casing. Decision made to release HES cement crews & LD release tool. POOH w/ tbg. LD setting tool. RIH w/ killstring. Will knock retainer down & test casing on Monday. SDFWE
5/3/2004	06:30 - 19:00	12.50			OTHER	PJSM. RIH drill line bailer to 7532'. Began knocking cement retainer to bottom. Sandline parted. RIH w/ cable spear. Recovered app. 1000' of sandline. Ordered overshot for tomorrow. SDFN
5/4/2004	06:30 - 23:00	16.50			OTHER	PJSM. RIH w/ cable spear to top of sandline bailer @ 7769' - hard tag. POOH w/ tbg & spear. No fish. RIH w/ 3 3/4" overshot/grapple to (7769') sandline bailer fishneck. Latched on fish POOH w/ bailer. LD bailer and overshot. PU & RIH w/ 6 1/8" bit on 6- 4 3/4" DCs to retainer @ 7502'. RU power swivel began drilling on retainer - lost returns after 5 minutes pumping 4 BPM. Continued drilling- retainer fell out after 35 additional minutes. RD power swivel. Pushed retainer down to 7898' (12' below btm perf). PUH w/ BHA swinging @ 7200'. Closed pipe rams. SDFN
5/5/2004	06:00 - 15:00	9.00	PLRNRP		OTHER	PJSM. Trip out of hole w/ tbg and 6 - 4 3/4" drill collars and bit. LD bit. Recovered small piece of very deteriorated casing. Notified Don Hall - WOO. Ordered 6 1/8" string. WO string mill. PU bit, 1 std DCs, 6.125" stg mill - RIH on 2 7/8" tbg to tag retainer @ 7892'. CIH w/ bit to 7925'. TOH - LD mill, drill collars and bit. TOH. LD DCs, bit & mill. RIH OE to EOT @ 7592'. Pumped cement. Shot FL TOC est @ 7302'. WOO. POH w/ 35 stds of tbg. SDFN - WOC
	15:00 - 21:30	6.50	CEMT	SQZ	OTHER	Cement Squeezing Operations RU HES Cement equipment.

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Spud Date: 4/30/2004
 End:
 Rig Release: Group:
 Rig Number: 115

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
5/5/2004	15:00 - 21:30	6.50	CEMT	SQZ	OTHER	TIH w/ 2 7/8" tbg with end of tbg swinging at 7592'. RU Baker Centrilift Ventawave - shot static fluid level: Casing - 7330' Tbg - 6884' Tailgate safety meeting. Mix 250 sks Premium w/ 4% Gel, 6#/sk Gilsonite, 1/4# flocele @ 1.55 cu ft/sk. Followed by 200 sks of premium C neat @ 1.18 cu ft/sk. (111 bbls of slurry) Flush with 5 bbls of water. WO fluid to stop falling. Shot follow up fluid level - 7163'. POH w/ 44 stands of tbg. SDFN Drill Cement / Drill Shoe
5/6/2004	07:00 - 20:00	13.00	DRILL	CEMT	OTHER	Tailgate safety meeting. TIH to tag TOC @ 7478'. Load hole w/ 300 bbls of water and test to 500#. Held for 30 minutes. OK TOH w/ tbg. PPU new 6 1/8" bit on 4 - 4 3/4" drill collars DO cement @ 7478' -7879'. Lost circulation @ 7879'. Increased rate to 7 BPM - regained circulation. Cont DO to 7903'. Circulate hole clean. Installed TIW valve, closed pipe rams. Established injection rate of 2 BPM @ 1000 psig. TOH w/ tbg. LD drill collars and bit. RIH open ended w/ tbg to 7809'.
	20:00 - 22:00	2.00	CEMT	SQZ	OTHER	Cement Squeezing Operations RU Halliburton - tailgate safety meeting. Break circulation @ 6 BPM w/ 190 bbls. Mixed and pumped 200 saks of premium neat cement 1.18 cuft/sk= 42 bbls of slurry - displaced with 38 bbls of water. Well balanced w/ no vacuum. RD Halliburton
	22:00 - 01:00	3.00	TRIP	LDDP	OTHER	LD DP, workstring or tubing POOH laying down 253 jts of 2 7/8" tubing. RDPU - parked on BF #4 location. Released crew with Monday return.
5/8/2004	08:00 - 21:30	13.50	RIG	MOB	MIRU	Moved in and rigged up Key 115. Nipped up and tested Bops to 250/1000 psi. Had to change ring gasket between Bop and wellhead.
	21:30 - 06:00	8.50	TRIP	PUDP	WBPR	Rigged up Bull Rogers laydown machine. Made up rerun 6-1/8" bit. Picked up 36 4-3/4" drill collars. Tripped in hole picking up 3-1/2" drill pipe. Tagged cement at 6961'. Rigging down Bull Rogers laydown machine.
5/9/2004	06:00 - 07:00	1.00	EQUIP	RURD	WBPR	Rigged up swivel and prepared to drill cement.
	07:00 - 17:15	10.25	DRILL	CEMT	WBPR	Drilled cement from 6961' to bottom of perforations at 7896'. Washed and reamed to 7908'. Slacked off without pumping or rotating from 7908' to 7939'.
	17:15 - 18:00	0.75	CIRC	CLN	WBPR	Circulate hole clean. Tested squeeze with 200 psi.
	18:00 - 19:00	1.00	TRIP	BIT	WBPR	Pulled 4 stands of drill pipe to 7686'. Shut pipe rams and hydri, installed TIW valve on drill pipe to secure well. Released crews until Monday morning.
5/11/2004	06:00 - 06:30	0.50	TRIP	BIT	WBPR	Started up rig and opened well. Tripped in hole with 4 stands out of derrick to 7939'.
	06:30 - 06:45	0.25	TRIP	BIT	WBPR	Picked up swivel. Washed down and tagged up at 7972'.
	06:45 - 14:45	8.00	DRILL	WSHR	WBPR	Drilled cement retainer at 7972'. Washed and reamed to 8071'. Tagged solid. Drilled from 8071' to 8076'. (Made 4' of hole in last 5 hours. If light weight run bit doesn't torque, too much weight and the swivel stalls).
	14:45 - 15:30	0.75	CIRC	CLN	WBPR	Circulate hole clean.
	15:30 - 20:00	4.50	TRIP	BIT	WBPR	Laid down 1 joint of drill pipe and set back swivel. Pulled out of hole with bit. (Markings on bit indicate drilling on junk. Bit appeared to be pinched some, but not in jeopardy of loosing any cones).
	20:00 - 00:00	4.00	TRIP	BIT	WBPR	Made up new bit and trip in hole.
	00:00 - 04:00	4.00	DRILL	CEMT	WBPR	Drilled junk from 8076' to 8100'. Drilled shoe at 8100'.
	04:00 - 06:00	2.00	DRILL	DOHR	DRLPRL	Drill Open Hole Rotary from 8100' to 8149'.
5/12/2004	06:00 - 06:00	24.00	DRILL	DOHR	DRLPRL	Drill Open Hole Rotary from 8149' to 8575'.
5/13/2004	06:00 - 06:00	24.00	DRILL	DOHR	DRLPRL	Drill Open Hole Rotary from 8575' to 9015'.
5/14/2004	06:00 - 06:00	24.00	DRILL	DOHR	DRLPRL	Drill Open Hole Rotary from 9015' to 9346'.

Operations Summary Report

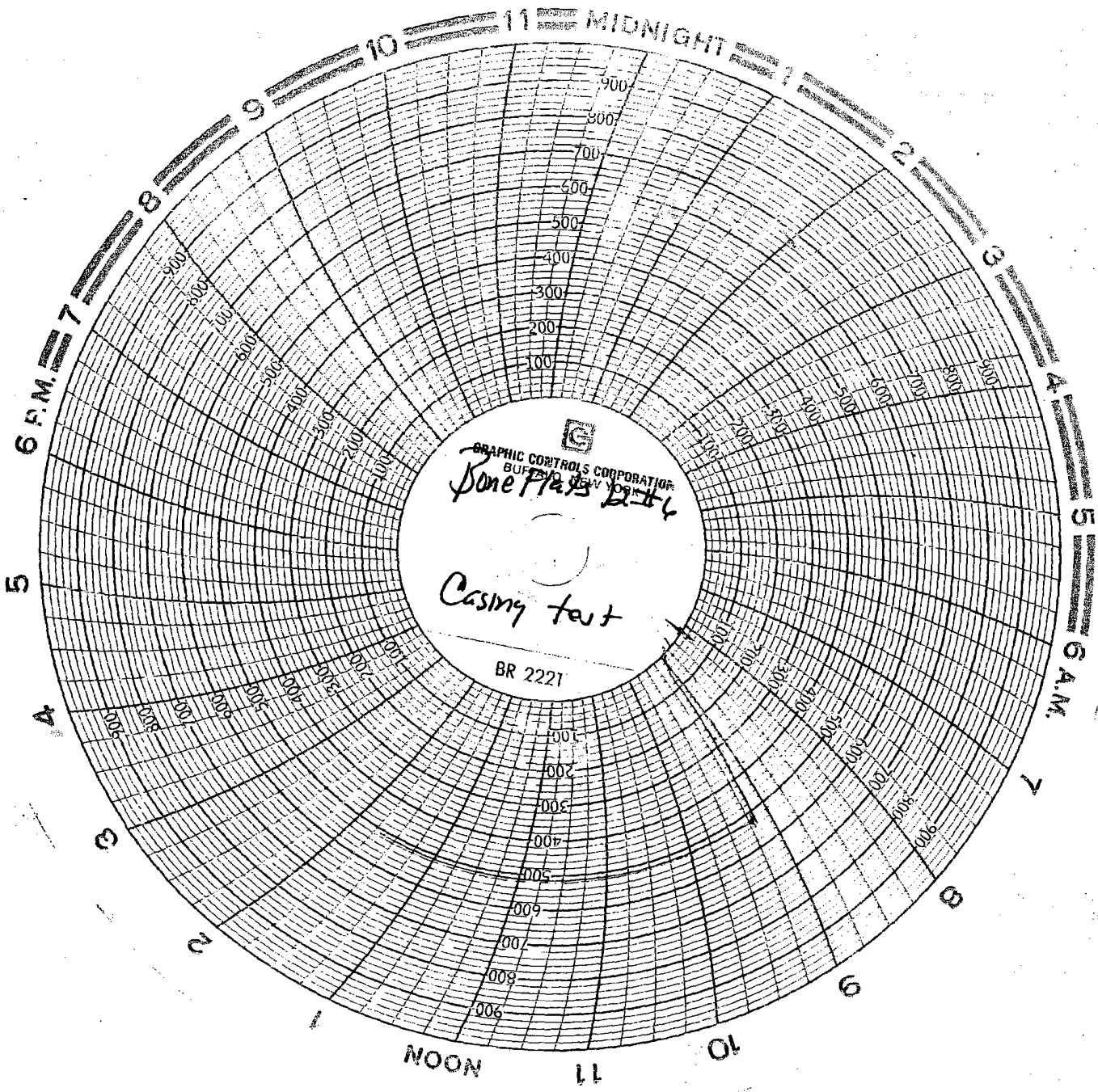
Legal Well Name: BONE FLATS FEDERAL 12 6
 Common Well Name: BONE FLATS FEDERAL 12 6
 Event Name: RE-ENTRY
 Contractor Name: KEY ENERGY SERVICES
 Rig Name: KEY ENERGY SERVICES

Start: 4/30/2004
 Rig Release:
 Rig Number: 115
 Spud Date:
 End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
5/15/2004	06:00 - 06:00	24.00	DRILL	DOHR	DRLPRL	Drill Open Hole Rotary from 9346' to 9648'.
5/16/2004	06:00 - 11:30	5.50	DRILL	DOHR	DRLPRL	Drill Open Hole Rotary from 9648' to TD of 9713'.
	11:30 - 13:00	1.50	CIRC	HOLE	DRLPRL	Circulate hole clean. Dropped rabbit.
	13:00 - 18:00	5.00	TRIP	LOGS	DRLPRL	Trip out of hole for Logs.
	18:00 - 22:30	4.50	LOG	OPEN	VALPR	Rigged up Halliburton loggers. PJSM. Ran in hole with Triple Combo tool. Tied in to casing (Logger casing depth = 8098'). Ran in hole to bottom. Ran repeat section. Ran back in hole to bottom. Logged well with Triple Combo (Loggers TD = 9718') to bottom of casing. Pulled out of hole with logging tool. Rigged down Halliburton. (Recieved orders to plug well). Ran in hole with 4-3/4" drill collars out of derrick. Laid down 36 4-3/4" drill collars.
	22:30 - 01:30	3.00	TRIP	LDDP	PLUGAB	Picked up 16 joints of 3-1/2" drill pipe in singles. Tripped in hole openended with drill pipe out of derrick to 9105'.
	01:30 - 05:30	4.00	TRIP	PUDP	PLUGAB	Circulate and Condition Hole to spot openhole cement plugs.
5/17/2004	05:30 - 06:00	0.50	CIRC	HOLE	PLUGAB	Halliburton will be on location at 8:00am CST. The following plugs will be spotted: 8900' to 9100' (200')(25 sacks) 7950' to 8150' (200')(25 sacks) 7400' to 7800' (400')(50 sacks)
	06:00 - 08:30	2.50	CIRC	HOLE	PLUGAB	Verbal approval of plugging procedure by BLM Mr. Jim Amos 10:30CST 5/15/2004. (Include this info on Sundry notice).
	08:30 - 10:15	1.75	CEMT	PLUG	PLUGAB	Circulate and Condition Hole to spot openhole cement plugs. Rigged down swivel. Rigged up Halliburton cementers. PJSM. Spotted cement plug #1 from 8961' to 9105' with 25 sacks H + 0.1% HR7 mixed at 15.6 ppg, 1.18 yield.
	10:15 - 11:00	0.75	TRIP	LDDP	PLUGAB	Layed down 30 joints of 3-1/2" drill pipe to 8156'.
	11:00 - 11:15	0.25	CEMT	PLUG	PLUGAB	Spotted cement plug #2 from 8016' to 8156' with 25 sacks H + 0.1% HR7 mixed at 15.6 ppg, 1.18 yield.
	11:15 - 11:30	0.25	TRIP	LDDP	PLUGAB	Layed down 11 joints of 3-1/2" drill pipe to 7807'.
	11:30 - 12:15	0.75	TRIP	LDDP	PLUGAB	Rigged up Bull Rogers lay down machine.
	12:15 - 12:45	0.50	CEMT	PLUG	PLUGAB	Spotted cement plug #3 from 7532' to 7807' with 50 sacks H + 0.1% HR7 mixed at 15.6 ppg, 1.18 yield.
	12:45 - 17:00	4.25	TRIP	LDDP	PLUGAB	Laid down 3-1/2" drill pipe.
	17:00 - 19:00	2.00	NUND	DBOP	PLUGAB	Nipple down Bops. Installed DHT.
5/18/2004	06:00 - 07:00	1.00	RIG	RDMO	RDMO	Rigged down rig to move. Slip drill line. Shut down for the night. Waiting on Key water trucks to clean out pits. No trucks available until possibly morning. Crews arrived. Started rig and laid down derrick. Rig moving to NIBU #11.

6-8-04

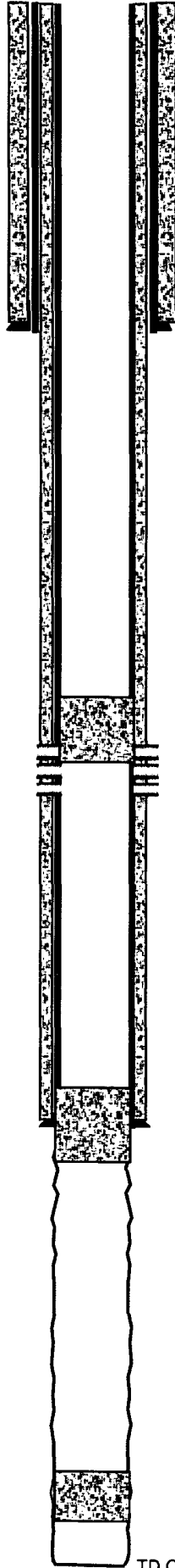
casing test . 500 psig. Held, OK





Bone Flats Federal 12 No. 6
Plug Back Well After Unsuccessful Morrow Deepening

Marathon Oil Company
 Bone Flats Federal 12 No. 6
 27-Oct-05



Dry hole Tree installed

Surface Casing
 9 5/8" set @ 1205' Cmtd w/ 550 sks

Cement plug 50 sks @ 7532' - 7807'

Squeezed Upper Penn Perforations 7796' - 7888'
 181 holes

7" casing set @ 8100' w/ 1275 sks cmt

Cement plug 25 sks f/ 8016' to 8156'

Cement plug 25 sks f/ 8961' to 9105'

TD Open Hole @ 9713'

Well Name & Number:	Bone Flats Federal 12 No. 6		Lease	Bone Flats Federal 12	
County or Parish:	Eddy	State/Prov.	New Mexico	Country:	USA
Perforations: (MD)			(TVD)	9713'	
Date Completed:	05/07/04			RKB:	
Prepared By:	Charles Kendrix		Last Revision Date:	10/27/05	