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

Month - Year
MAY 2007
OCD - ARTESIA, NM

Form C-103
May 27, 2004

WELL API NO. 30-015-29837

5. Indicate Type of Lease STATE [X] FEE [ ]

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: David Crockett 27 State

1. Type of Well: Oil Well [X] Gas Well [ ] Other

8. Well Number 1

2. Name of Operator: Marathon Oil Company

9. OGRID Number 14021

3. Address of Operator: P.O. Box 3487 Houston, TX 77253-3487

10. Pool name or Wildcat: Upper Penn (59860)

4. Well Location

Unit Letter K : 1650 feet from the South line and 1980 feet from the West line

Section 27 Township 18S Range 28E NMPM County EDDY

11. Elevation (*Show whether DR, RKB, RT, GR, etc.*) 3558

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	[X]	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.

Marathon Oil Company is proposing to plug back the existing perforations at 99681'-9805' in the David Crockett 27 State No 1 with a cast iron bridge plug set at approximately 9650'. Marathon will then perforate the well at 9204' to 9447' in the Upper Penn. This well has been permitted and reported under the existing perforations as an Upper Penn well, however corresponding logs from an offset well (Devon's Hondo State Sinclair State Com No 1) indicate that the original perforations in this well should bave been classed as Strawn formation. Please see attached logs and proposed work procedure for details of proposed well work.

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 Charles E. Kendrix TITLE Reg Compliance Rep DATE 05/9/2007

E-mail address: cekendrix@marathonoil.com

Type or print name Charles E. Kendrix Telephone No. 713-296-2096

For State Use Only

APPROVED BY BRYAN G. ARRANT DISTRICT II GEOLOGIST TITLE _____ DATE MAY 2 3 2007

Conditions of Approval, if any:

Recompletion Procedure

David Crockett "27" State # 1

API: 30-015-29837

Surface Hole Location: 1650' FSL & 1980' FWL
Section 27, T-18-S, R-28-E, UL 'K'
Travis Field
Eddy Co, NM

Date: May 9, 2007

Purpose: **Abandon Upper Pennsylvanian Perfs (9681'-9805') : Add Upper Penn Perfs (9204'-9447')**

Current Status: Pumping 1 BOPD/42 MCF/D/8 BWPD

Elevation: GL: 3559' KB: 3575' TD: 11,075' PBTD: 10000' CIBP: 10000'

Conductor Casing: 13-3/8", 48#, H-40, ST&C set @ 445' with 470 sacks (circ'd 200 sx)

Surface Casing: 9-5/8", 36#, K-55, LT&C set @ 2821'. Cemented w/1395 sacks (circ'd 210 sx to surface.)

Production Casing: 7", 23 / 26 #, K-55 / L-80 set @ 10044' w/ 450 sx. TOC @ 8350' on first stage. Cemented DV tool @ 6473' with 500 sx, Did not circulate cement to surface.

Tubing: 2-7/8", 6.5#, grade??, EUE with 3 ½" mud anchor at 9900'+/-; TAC @ 9460'

Pressure Information: Cisco ~3500 psig SIBHP estimate if virgin reservoir pressure.

Safety:

- Hold daily safety meeting explaining the proposed procedure.
- H2S concentration - 6,500 ppm (Penn gas @ Indian Basin)
- H2S monitors on rig floor at all times.
- Keep TIW valve on rig floor at all times.
- Keep kill-string in well at night if tubing is pulled.
- Follow MOC SOP's throughout job.

Note: Use proper PPE when working in and around HCl Acid, this would include but is not limited to splash guards, aprons, and HCL resistant gloves. Record types & volumes of fluids pumped for well control throughout job.

Procedure:

1. Inspect the well & location prior to rigging up. Perform all necessary Lock-out/Tag-out to properly secure well. Make sure all associated personnel have proper PPE for the proposed job. Isolate pressure shutdowns.

2. If necessary, install and test safety anchors to 22,500 lbs.

3. MIRU two (2) frac tanks. Fill one tank with fresh water for acid flush and well control. Marathon will supply fresh water and acidizing contractor will bring surfactant to make treated water for acid job.

4. MIRU Pulling Unit. Make sure Geronimo line is staked securely, H2S monitor is in place, guardrails are in place & the unit is properly grounded to the wellhead.

5. Blow well down. Pump FSW as necessary to quiet well. POOH/lay-down rods. Install 7-1/16", 5M hydraulic BOPs w/ 2-7/8" pipe rams & blind rams (equipped w/ valved outlets below blinds). Test pipe rams & blind rams to 250 & 3,000 psig.

6. POOH/lay-down 2-7/8" 6.5 #/ft. EUE tubing.

7. Pick up re-conditioned 2 7/8" 6.5 #/ft. EUE L-80 tubing with csg.scraper and 6 1/8" bit. RIH to 9650'+/-. POOH with tubing and tools. Install mechanical–set CIBP and RIH/set CIBP @ 9650'. Load hole with available FSW. Test plug/casing to 500 psig. PU to 9450' and pickle tubing w/ 500 gals of 7-1/2 % HCl acid. Reverse pickle acid to surface. Spot acid across interval to be perforated (9204' – 9447'). POOH/stand back tubing.

8. MIRU Baker-Atlas. Install pack-off and lubricator and pressure test to 1000 psig. Wedge CBL/GR/CCL dated 2/13/1998 is correlated perfectly flat to the Schlumberger Compensated Neutron Density Open Hole log dated 10/29/1997 and 11/11/1997. **Monitor fluid levels between runs.** RIH with 4" HSC Predator gun loaded at 2 JSPF at 120 degree phasing and perforate the following intervals.

Top	Bottom	Interval	Gun Number	Shots/ft	Total Shots
9426'	9447'	21'	1	2	42
9404'	9414'	10'	2	2	20
9347'	9349'	2'	2	2	4
9281'	9326'	45'	3 and 4	2	90
9269'	9271'	2'	5	2	4
9254'	9258'	4'	5	2	8
9242'	9247'	5'	6	2	10
9204	9210'	6'	6	2	12
Totals:		**95'**			**190**

9. Dump one bailer of cement on top of CIBP @ 9650'. RDMO Baker-Atlas.

10. RIH with 7 " heavy-duty production packer on 2-7/8" 6.5 #/ft. EUE L-80 tubing, testing tubing below slips to 7000 psig . With packer hanging @ 9100' +/-, circulate packer fluid containing corrosion inhibitor/oxygen scavenger via annulus with returns via tubing. Space-out, set packer, land tubing. ND BOP/ NU tree. Test tree to 5000 psig. Breakdown perfs @ 1 BPM by pumping 20 bbls FSW.

11. Install tree-saver/pressure isolation sleeve and actuate displacement. MIRU acid pump contractor. Have at least 500 HHP on location for pumping and positive displacement ball injector. Test surface lines to 8000 psig. **MAXIMUM SURFACE PRESSURE NOT TO EXCEED 7000 PSI.** Pump job at maximum rate not to exceed 7000 psig under packer. Inhibit acid for 4-hours at 140 deg F. Load ball injector with 300 (1.1 SG) 7/8" diameter ball sealers. Pump 5000 gals of 15% NeFeHCl acid into perforations from 9204'-9447', dropping 3 balls for each barrel of acid pumped after pumping the initial 10 bbls(total of 300 balls). Flush acid to bottom perf using 55 bbls of fresh water then overdisplace into formation w/ 10 bbls fresh water. Shut-in well for 15 minutes to allow acid to spend. RDMO acid pump contractor.

12. Attempt to flow well back to frac tank. If well will not kick-off, pressure test backside to 500 psig. RU swabbing equipment and kick well off. Use caution when swabbing well and take small bites of fluid until well starts to unload. Report swab volumes and tubing pressures to Ken Baker in Houston.

13 Once well is flowing, notify production operations personnel.

14. If well will not flow, trip tubing and re-install rod pump bottom-hole assembly.

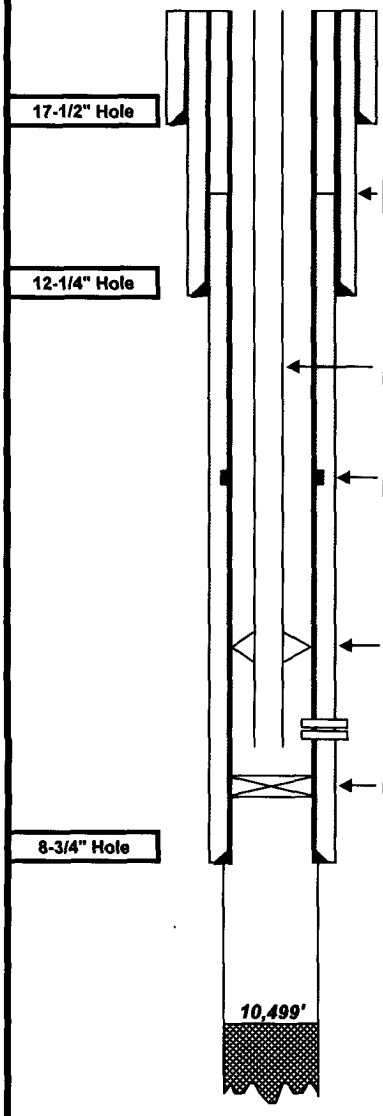
15. RDMOPU.

16. Turn well to sales and report test rates to Ken Baker in Houston.

MARATHON OIL COMPANY
MID-CONTINENT REGION
MIDLAND OPERATIONS NORTHWEST NEW MEXICO

DATE: 03/29/99
BY: TL CHASE
WELL: 1
STATE: NEW MEXICO

FIELD: TRAVIS
LEASE: DAVID CROCKETT "27"
COUNTY: EDDY
GL = 3559'
KB = 3575'
SPUD: 10/06/97 Reach TD: 11/12/97
COMPLETED: 11/23/97
API: 30-015-29837
LOCATION: 1650' FSL & 1980' FWL, SECTION 27, TOWNSHIP 18S, RANGE 28E, UNIT LETTER 'K'



13-3/8" 48# H-40 ST&C @ 445' w/470 Sx (Circ'd 200 Sx)
(Premium Plus w/2% CaCl2 % 1/4 PPS Flocele)

TOC @ 600' By Calc

9-5/8" 36# K-55 ST&C @ 2821' w/1395 Sx (Circ'd 210 Sx)
(1100 Sx PP Lite w/2% CaCl2, 5 PPS Salt & 1/4 PPS Flocele + 295 Sx Premium Plus w/2% CaCl2)

2-7/8" 6.5# EUE 8rd Tbg w/3-1/2" Mud Joint @ +/- 9,900'

DV Tool @ 6473.09'

TAC @ +/- 9460'

9681-9711 9736-65 9791-9805' *(Canyon Reef)* **(4 SPF)**

CIBP @ 10,000'

7" 23/26# L-80/K-55 LT&C @ 10,044' w/1050 Sx (DNC)
(1st Stage: 350 Sx Mod Super "H" w/5 PPS Gilsonite, 5% Halad-344, 4% CFR-3, 1% HR-7, 1 PPS Salt + 100 Sx Premium 6% Halad-9) (2nd Stage: 500 Sx PP Lite w/3% Econolite/CFR-3 + 100 Sx PP)

10,044-10,499' - Atoka Open Hole

135 Sx 'H' Cement Plug @ 10,499-11,075'

6-1/8" Open Hole

PB: 10,499'
TD: 11,075'

Well History

Nov '97	Drilled 6-1/8" Open Hole @ 10,044-11,075'. Set 135 Sx 'H' cement plug @ 10,499-11,075'. Ran tubing. Turned to production flowing thru 2-3/8" tubing from Atoka Open Hole 10,044-10,499'.
Feb '98	Set CIBP @ 10,000'. Perf'd Strawn (4 SPF) @ 9681-9711, 9736-65 & 9791-9805' in 300 Gal 15% Ferchek SC acid. Acdzd perfs 9791-9805' w/3500 Gal 20% VCA acid. Acdzd perfs 9736-65' w/3500 Gal 20% VCA acid. Acdzd perfs 9681-9765' w/13,000 Gal 20% VCA acid. Returned to production flowing thru 2-3/8" tubing from Strawn perfs 9681-9805'.
Feb '99	Installed pumping equipment. Returned to production pumping from Strawn perfs 9681-9805'.