

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
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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

Form C-103
May 27, 2004

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

WELL API NO. 30-015-34102
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. V-0993
7. Lease Name or Unit Agreement Name: Indian Basin "32" State
8. Well Number 9'
9. OGRID Number 14021
10. Pool name or Wildcat Indian Basin U. Perm Assoc. (33685)

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.)

1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	2. Name of Operator Marathon Oil Company
3. Address of Operator P.O. Box 3487 Houston, TX 77253-3487	4. Well Location Unit Letter J : 1958 feet from the South line and 1652' feet from the East line Section 32 Township 21-S Range 24-E NMPM County Eddy
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4220' GR	
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/> 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:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☒
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 has completed operations to drill, set, test the surface casing on the Indian Basin "32" State No. 9 well. A deep string of 13 3/8" conductor pipe was set @ 295' in the well in addition to a 40' X 20" conductor due to problems with cavernous formations at the surface collapsing in the hole. Please see attachment for details of 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. Kendrick TITLE Engineering Technician DATE 01/25/2006

Type or print name **Charles E. Kendrick**

E-mail address: **cekendrix@marathonoil.com**

Telephone No. **713-296-2096**

For State Use Only

FOR RECORDS ONLY

JAN 31 2006

APPROVED BY _____ TITLE _____ DATE _____

Conditions of Approval, if any:

**Indian Basin "32" State No. 9
Drill & Set Deep Conductor Pipe
Drill & Set Surface Casing**

07/05/2005 Drilled w/ 14 3/4" air hammer f/ 40' to 87'.

07/06/2005 Cont. drilling w/ air hammer f/ 87' to 243'. POOH w/ air hammer. RIH w/ 12 1/4" Reed bit. Drilled 12 1/4" open hole f/ 243' to 280'.

07/07/2005 Drilled 12 1/4" open hole f/ 280' to 790'.

07/08/2005 Drilled f/ 790' to 1124'.

07/09/2005 Drilled f/ 1124' to 1374'. **Parted drill pipe.** Wait on fishing tool.

07/10/2005 RIH w/ fishing tool could not get below 180'. Reamed f/ 180' to 390'. Attempted to RIH w/ overshot – tight spot @ 225'. Begin reaming when drive line failed. Wait on pinion gear.

07/11/2005 RU overshot and attempt to fish. No success hole continued to cave in. POOH w/ overshot.

07/12/2005 PU 17 1/2" reamer. Reamed f/ 40' to 146'.

07/13/2005 Reamed w/ 17 1/2" f/ 146' to 317'.

07/14/2005 Reamed w/ 17 1/2" reamer f/ 317 to 440'. Conditioned hole. Decision was made to run a second deeper string of conductor pipe on this well due to cavernous formations close to the surface on the well, which were causing the hole to collapse.

07/15/2005 Circulate hole. POOH w/ reamer & drill pipe. RIH w/ 1st joint 13 3/8" conductor pipe w/ plug on bottom. This joint is perforated on bottom above the plug. RIH w/ 8 additional joints 13 3/8". RU Swage and attempt to wash pipe down – no success. Bottom of 13 3/8" pipe at to 295'. RU Halliburton cementers. Pumped 100 sks Thixotropic, followed by 400 sks Premium Plus + 2% CaCl + 0.25 % Flocele, density 14.2, yield 1.64, water 6.99 gals/ sk. Displaced w/ fresh water. Did not circulate to surface. Ran 1" tubing down casing X hole annulus tagged top of cement @ 89' f/ surface. Pumped 50 sks cement down casing annulus through 1" tubing. WOC. Ran 1" tubing down annulus tagged cement @ 55' f/ surface. Pumped 2nd 50 sk plug.

07/16/2005 WOC. RIH w/ 1" tagged cement @ 55' f/ surface pumped 3rd 50 sk plug. WOC. RIH w/ 1" tagged cement @ 55' f/ surface pumped 4th 50 sk plug. WOC. RIH w/ 1" tagged cement @ 49' f/ surface pumped 5th 50 sk plug. WOC RIH w/ 1" tagged cement @ 49' f/ surface pumped 90 sk plug. Cement came to surface circulated surplus to pit. WOC shut down until Monday morning.

07/18/2005 RIH /w 12 1/4" bit to plug. Drill out plug. Wash downhole to top of drill pipe (fish).

07/19/2005 Trip w/ mill shoe to fish . Mill over drill pipe. POOH laid down mill. TIH w/ overshot & grapple. Latch on fish and attempt to work free.

07/20/2005 Freed fish. POOH laid down fish. RIH w/ 12 1/4" bit. Wash in hole f/ 1326' to 1371'. Resume drilling f/ 1371' to 1400'.

07/21/2005 Drill surface hole f/ 1400' to 1576' w/ 12 1/4" bit.

07/22/2005 Drill surface hole f/ 1576' to 1671' w/ 12 1/4" bit. Circulate hole waiting on casing crew.

07/23/2005 Ran 38 jts 9 5/8" 36 lb, K-55 casing. Casing shoe @ 1671'. RU Halliburton cementers Pumped 860 sks Premium Plus + 2% CaCl + 0.25 lb/sk Flocele, density 14.8, yield 1.345 cuft/ sk, water 6.365 gal/sk, followed by 100 sks Thixotropic. Displaced to shoe. Cement did not circulate to surface. WOC. RIH w/ 1" tubing down casing X conductor annulus. Tagged top of cement @ 496' f/ surface. RU Halliburton, and pumped 25 sks Thixotropic down annulus. WOC. RIH /w 1" tag TOC @ 450'. RU Halliburton pumped 25 sks Thixotropic. WOC.

07/24/2005 RIH w/ 1" tubing. Tag TOC @ 440'. RU Halliburton pump 25 sks Thixo. WOC. RIH tag TOC @ 435'. RU Halliburton pump 25 sks Thixo. WOC. RIH w/ 1" tubing tag TOC @ 345'. RU Halliburton pump 140 sks Thixo. WOC. RIH w/ 1" tubing tag TOC @ 310'. RU Halliburton Pump 25 sks Thixotropic. Cement to surface at 20 sks, circulated 5 sks to cellar.

07/25/2005 Rigged down United Drilling Rig

08/18/2005 Rigged up McVey Drilling rig

08/19/2005 Picked up 12 – 6 1/2" drill collars & 15 joints HWDP. Test BOP & valves. Test Surface casing to 1000 psi. Held pressure 30 minutes no bleed off.