

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO. <u>30-025-25600</u>
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Walter Lynch
8. Well No. 8
9. Pool name or Wildcat Wantz-Granite Wash
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3356' GL, 3368' KB

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	2. Name of Operator Marathon Oil Company
3. Address of Operator P. O. Box 552, Midland, TX 79702	4. Well Location Unit Letter <u>E</u> : <u>1880</u> Feet From The <u>North</u> Line and <u>760</u> Feet From The <u>West</u> Line Section <u>I</u> Township <u>22S</u> Range <u>37E</u> NMPM <u>Lea</u> County
11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

12. 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.

On 12/29/91, Marathon Oil Company initiated operations to workover the Walter Lynch No. 8. Additional pay was perforated, acidized, and fractured as shown in the following operations:

(See Attachment)

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

SIGNATURE Rod J. Prosceno TITLE Operations Engineer DATE 2/14/92
(915)
TELEPHONE NO. 682-1626

TYPE OR PRINT NAME

(This space for State Use)

MAR 03 '92

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

12/29/91 MIRU X-Pert Rig #7.

12/30/91 Had 0 psi on tbg @ start of day. POOH w/rods & pump (87-7/8", 199-3/4", 1 3/4" x 2' sub & 2' x 1 1/4" x 12' pump w/1 1/4" x 6' gas anchor. NU 6" 900 Series BOP w/2 3/8" rams on top & blinds on btm. POOH w/233 jts 2 3/8" tbg, TAC, SN & mud jt. tbg anchor @ 6849' & btm of mud jt @ 7239'. TIH to 120' w/AD-1 tension pkr & test BOP to 1500 psi. Held OK. POOH w/pkr. TIH w/bit, 4-4 3/4" DC, 16 jts 3 1/2" 9.3# 8rd N-80 tbg, bull dog bailer & 3 1/2" tbg. TIH to 3000'. Close well in. SDFN.

12/31/91 Fin TIH w/3 1/2" tbg off racks. Tag fill @ 7260'. Clean out 7260-7377' (177'). Not picking up fill w/bailer or bailer & cavity full. TOOH w/tbg & bailer. Found tbg plugged above DC. Close well in. SDFN.

01/01/92 Finish out of hole w/bailer. Bailer full of sand. Empty bailer. TIH. Tag fillup @ 7377'. Began clean out operations. Clean out 7" csg to 7400'. Bailer quit stroking. Start out of hole w/bailer. Secure well. SDFN.

01/02/92 Well shut in for holiday.

1/03/92 POOH w/kill string. Pump 60 bbls oil down csg. GIH w/bit, bailer & tbg. Tag up @ 7364'. C/O w/bailer to 7390'. Bailer quit working. No fluid in hole. Pump 30 bbls oil down annulus. Perfs taking oil on vac. Could not make bailer work. POOH w/bit, bailer & tbg. Plugged w/dry sand in btm stand of DC. TIH w/bit, DC & tbg to 3016'. Close well in. SDFN.

Note: 10 stands before tagging up. Pumped 60 bbls oil down annulus (150 bbls total).

01/04/92 TIH to 7022' w/bit. Install float valve @ GL. Wait on Pool to get equipment working. Unload hole @ 7022'. TIH, tag up @ 7377'. Circ hole clean. Drill 7377-7429'. TOC ±7417'. Lost returns @ 7429'. Drill to float collar @ 7507'. Drill FC & cmt to 7540' w/intermittent returns. Circ hole clean. POOH to 7022'. Wait 1 hr. TIH to 7540' to check for fill. Had no fill. POOH to 7022'. Close well in. SDFN.

01/05/92 Bleed well down. POOH w/bit, DC & tbg. 4D DC. Install 7" frac valve. RU Ace Perforators & test lubricators to 1500 psi. Held OK. GIH w/GRT-1 & tag btm @ 7538' after corr log f/loggers TD 7530-7000'. TIH w/4" csg gun, tag btm @ 7526'. Perf 1 JSPF @ 7194-96', 7207', 38', 40', 82', 84', 86', 97', 99', 7306', 8', 10', 13', 26', 30', 39', 59', 63', 71', 75', 84', 7404', 6', 8', 20', 26', 39', 41', 86', 88', 90', 92', 94', 96', 98', 7514', 16', & 7518'. RD Ace, remove 7" frac valve, TIH w/RTTS & 17 stands 3 1/2" tbg to 535'. Close well in. SDFN.

01/06/92 Well shut in Sunday.

01/07/92 RIH w/3 1/2" tbg to 7350'. Test tbg to 5000#. OK. Set pkr @ 7348'. Acidized perfs 7359-7518' w/1800 gals of 7 1/2% NEFE acid using 45 ball sealers. Formation broke @ 5150#. Max treating psig 5150#. ATP 3820#, AIR 4.2 BPM, ISIP 2200#, 5 min 1080#, 10 min 620#, 15 min 240#. Total load to rec 114 bbls. Rig swab. Swab 3 hrs. BFL 1800' FS. EFL 3600' FS. Rec 15 bbls. Shut well in. SDFN.

- 01/08/92 Finish RIH w/RTTS pkr & RBP on 3 1/2" tbg. Set RBP @ 7354'. Set RTTS pkr @ 7343'. Test RBP to 1000#. OK. Pull & reset pkr @ 7122'. RU Smith Energy. Acidize upper perfs 7175-7339' w/1200 gals 7 1/2% NEFE acid using 75 ball sealers for divert. Fair ball action. Max psig 3200#. ATP 3000#, AIR 4.2 BPM. ISIP 2400#, 5 min 1700#, 10 min 1260#, 15 min 900#. Total load to rec 98 bbls. Rig swab. BFL surface. Swab perfs 3 hrs. EFL 3800'. Recov'd 20 bbls load wtr. Released RTTS pkr & RBP. POOH w/same. RIH w/RTTS pkr on 3 1/2" tbg to 7120'. Set pkr. Load annulus & test to 500#. OK. Install frac valve. Secure well. SDFN.
- 01/09/92 OWU. RU Smith Energy. Fracture treat Granite Wash perfs from 7175-7518' w/22,344 gals foamed 4% KCl wtr containing 59,000# 20-40 mesh Ottawa sand. Started pumping pad @ 23.6 BPM @ 5870#. After starting on 7# sand press began increasing from 4800 psig to 5400 psig, cut sand & flushed to btm perf with press increasing to 6760 psig. Avg inj rate 23.6 BPM @ 5260 psig. ISDP 3140 psig. Frac sand tagged during job. RD Smith Energy. SI well for 2 hrs to build steel line to frac tank. Install chk. OWU. TP 1650 psig. Start well flowing back to frac tank.
- 01/10/92 Overnight well flowed 168 BW w/some sand and died. Open bypass. Release RTTS pkr. RIH w/pkr & tag sand fill @ 7366' or 174' above PBTD. POOH w/3 1/2" workstring & 7" RTTS pkr laying down workstring. Change pipe rams to 2 3/8" tbg. RIH w/4 5/8" bulldog bailer w/blade bit on 230 jts 2 3/8" J-55 tbg. Left bailer hanging @ 7142'. Secure well. SDFN.
- 01/11/92 TIH w/2 3/8" tbg, tag sand @ 7366'. C/O 7366-7449' (83'). POOH to unload bailer. Bailer locked up in mid-stroke. C/O blind rams. TIH w/bailer. Tag up @ 7389'. Lost 60' of hole. C/O 7389-7434'. Bailer quit working (45'). POOH w/bailer. Bailer would not scope out. PU sand pump & GIH on sand line. 1st run dry. 2nd run, C/O to 7444'. TIH w/10 stds killstring. Close well in. SDFN.
- 01/12/92 POOH w/killstring. PU & TIH w/hydrostatic bailer. Tag sand @ 7408'. C/O 7408-7496' (88'). Sand coming in from perfs as cleanout was being done. POOH w/bailer & C/O sand in bailer. TIH 2nd run. Tag sand @ 7466'. C/O 7466-7496'. Bailer quit picking up sand. TOOH w/bailer. Found nothing wrong w/bailer. Close well in. SDFN.
- 01/13/92 TIH w/sand pump in 2 runs. Made 10' to ±7400'. PU bit, TIH w/2 3/8" tbg. Tag sand @ 7463'. C/O sand after loading hole from 7463-7540'. Circ hole clean w/2% KCl & clay stabilizer. Pull tbg above perfs. Close well in. SDFN.
- 01/14/92 Bleed well down. TIH to tag for fill. Tag btm @ 7540' w/no fill. TOOH w/bit & tbg. RU Halliburton Logging Service & run tracer survey from loggers TD of 7546-7100'. RD HLS. TIH w/15' perf mud anchor, SN, 11 jts 2 3/8" tbg, TAC & 230 more jts 2 3/8" J-55 tbg. Btm of MA @ 7475', SN @ 7458', & TAC @ 7118'. Remove BOP. Set tbg anchor in 14 pts tension & NU wellhead. Close well in. SDFN.

Attachment to Form C-103
Walter Lynch No. 8
Item 12

01/15/92 RU to swab, tag @ 1800'. Could not get past 1800'. Hot oil tbg w/60 bbls oil. RU to swab. Fluid @ 1800' @ start of swab. Swab back 46 bbls fluid in 4 hrs. Fluid @ 3600' @ end of swab. Recov'd 35 oil, 11 BW. Fluid clean of any sand. Ran 1" x 6' gas anchor, 2" x 1 1/4" x 16' RHBC pump, 7/8" x 2' rod sub, 10-7/8" rods & 203-3/4" rods. SDFN.

01/16/92 Fin TIH w/rods. Run 82-7/8" rods, 2-7/8" x 8' subs, 1-7/8" x 4' sub, 1 1/4" x 16' polish rod & 1 1/2" x 8' pkr liner. Load hole & test tbg to 500 psi. Wait on wind to die to RD. RD & release rig @ 2:00 pm 1-15-92. Leave well pumping to btry. FINAL REPORT.

01/17/92 Well pumped 0 BO & 140 BW in 24 hrs.

01/18/92 Well pumped 10 BO & 83 BW in 24 hrs.

01/19/92 Well pumped 4 BO & 62 BW in 24 hrs.

01/20/92 Well pumped 0 BO & 28 BW in 24 hrs.

01/21/92 No test. Pumping out test tank. Echometer indicated 1115' fluid above pump - 78% liquid.

01/22/92 No test. Selling oil @ battery. Well pumping to battery.

01/23/92 Started pumping well to test tank.

01/24/92 Well pumped 6 BO & 8 BW in 24 hrs.

01/25/92 Well pumped 0 BO & 0 BW in 24 hrs. Had slight pump action.

01/26/82 Well pumped 0 BO & 0 BW in 24 hrs. No pump action.

01/27/92 Well pumped 0 BO & 0 BW in 24 hrs. No pump action.

01/28/92 RU pulling unit. Could not unseat pump. Pulled 48,000 psi on rod string. SDFN.

01/29/92 Found pump stuck. Strip out of hole w/rods & tbg. Found pump stuck w/frac sand.

01/30/92 RIH w/Harbison-Fischer purge valve on mud anchor & 2 3/8" prod tbg. ND BOP. NU tree. RIH w/2 x 1 1/4 x 16' RHTC pump. Started well pumping to battery. RD pulling unit.

01/31/92 Well pumped 0 BO & 79 BW. Ajax down. Restart engine & Resume testing.

02/01/92 Well pumped 12 BO & 63 BW in 24 hrs.

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02/02/92 Well pumped 8 BO & 55 BW in 24 hrs.

02/03/92 Well pumped 31 BO & 27 BW in 24 hrs.

02/04/92 Well pumped 21 BO & 15 BW in 24 hrs.

02/05/92 Well pumped 8 BO & 20 BW in 24 hrs. Echometer indicated fluid level 30'
above pump. FINAL REPORT