

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

1025 N. French Drive
Hobbs, NM 88240

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

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Occidental Permian Ltd.

3a. Address

P.O. Box 50250, Midland, TX 79710-0250

3b. Phone No. (include area code)

432-685-5717

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

510 FSL 1830 FEL SWSE(0) Sec 15 T24S R37E

5. Lease Serial No.

NM71037X - NM0321613

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
South Mattix Unit Federal

8. Well Name and No.

24

9. API Well No.

30-025-22488

10. Field and Pool, or Exploratory Area
Fowler Drinkard

11. County or Parish, State

Lea NM

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

TYPE OF SUBMISSION

☒ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☒ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☒ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☒ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☐ 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 recompleate 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 recompleation 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 final site is ready for final inspection.)

See other side/attached

ACCEPTED FOR RECORD

OCT 26 2005

GARY GOURLEY
PETROLEUM ENGINEER

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

David Stewart

Title

Sr. Regulatory Analyst

Date

10/24/05

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes 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.

SOUTH MATTIX UNIT FEDERAL #24

03/03/2004 CMIC: gary henrich

road key pulling unit #293 to loc., move in matting boards & pipe racks, spot & rig up, fip 350#, sicp 600#, dig out cellar to open intermediate csg. valve, sip 550#, sdon!

03/04/2004 CMIC: gary henrich

fip 170#, sicp 500#, open tbq. to pit to catch plunger, tbq. bled down, plunger did not trip, bleed csg. down, make up fishing tool on sandline, rih & try to fish plunger w/no success, pooh, pump 70 bbls. 2% kcl down csg., nd wh, nu bop, pooh w/228 jts. 2 7/8" tbq. sn & notched collar, miru baker atlas wl, rih w/gauge ring & junk basket & gamma gun to 7060', log across proposed zone to correlate to open hole log, pooh, rih w/5.5" cibp & set @ 7000', pooh, load 5.5" csg. 130 bbls. 2% kcl water & well started circulating out of intermediate csg. (500# @ 3 bpm) rih w/dump bailer & cap cibp w/40' of cmt., pooh, rd wl, sisd!

03/05/2004 CMIC: gary henrich

rih w/baker tension pkr., sn & 2 7/8" tbq. to 4500', set pkr. & test csg. & cibp to 1000#(OK), pooh looking for csg. leak, found leak from 62' to surface, pooh, miru baker atlas wl, rih w/csg. inspection tools to 4500', run csg. inspection log to surface, rd wl, send logs in for evaluation, sisd!

03/06/2004 CMIC: gary henrich

dig out cellar, break out, clean & reinstall bolts one @ a time on B section, sisd!

03/07/2004 CMIC: gary henrich

rih w/14 jts. 2 7/8" tbq. to 437', circ. oil out of hole, pooh, nd bop & wh, rih w/5.5" csg. spear, set spear, try to pick csg. up off slips w/no success, ru rotary wl, wrap wh w/primer cord to jar slips loose w/no success, rd wl, nu wh & bop, unload, rack & tally 207 jts. 3-1/2" 9.30# L-80 frac tbq., sisd!

03/09/2004 CMIC: gary henrich

0# sip, nd bop & wh, miru KEY csg. jacks, spear 5.5" csg. jack csg. up & remove slips (csg. came off slips @ 167,000#, had to pull to 195,000# to remove slips) stack csg. out, rd csg. jacks, miru Rotary WL, rih w/string shot, back csg. off @ 96', rd wl, miru Allens csg. crew, pooh w/12' cut jt. & 2 full jts. 5.5" csg., old csg. had buttress threads, new csg. is 8 rnd., nu wh & bop, sisd. (wait on x-over to be built)

03/10/2004 CMIC: gary henrich

0# sip, nd bop & wh, ru csg. crew, rih w/5 1/2" EUE 8 rnd. x 5 1/2" Buttress change over on 3 jts. 5 1/2" J-55 EUE 8 RND. Csg., screw back into buttress csg., pu to 100,000# & set csg. slips, rd csg. crew, cut off csg. & nu wh & bop, test csg. to 1500#(OK), miru baker atlas wl, rih w/4" select fire csg. guns, perforate drinkard formation 6044', 54', 73', 80', 6100', 29', 41', 48', 51', 86', 6203', 22', 35', 54', 62', 86', 94', 6306', 24', 30', 46', 72' (22 holes) pooh, rd wl, sisd!

03/11/2004 CMIC: gary henrich

0# sip, miru phils tbq. testers, rih w/baker 5.5" big bore lok-set pkr., 2 7/8" sn & 191 jts. 3 1/2" L-80 9.3# frac tbq. testing to 9000# below slips (no leaks), rd tbq. testers, set pkr. @ 5963' & test to 1500#(OK), ru swab, rec. 44 bw in 2 hrs., ifl surface, ffl 4500', no gas, no oil, sisd!

03/12/2004 CMIC: gary henrich

500# sitp, open well to tank on f/o choke, well bled down in 5 min., ru swab, rec. trace of oil, 18 bw in 2 1/2 hrs., slight gas between swab runs, ifl 3500', ffl dry, rd swab, miru halliburton, acidize well w/2500 gals. 15% ferchek sc acid w/44 ball sealers for diversion, perfs. balled out w/40 balls on, surge balls off perfs., flush to bottom perf. w/2% kcl, (total load 121 bw) formation broke @ 2950#, max. treating press. 8702, avg. 1728#, avg. rate 5.1 bpm, isip 1184#, 5 min. 706#, 10 min. 443#, 15 min. 183#, si, rd halliburton, 0# sip, ru swab, rec. 0 bo, 21 bw in 2 hrs., ifl surface, ffl 2500', rd swab, sisd! (100 blwlr)

03/13/2004 CMIC: gary henrich

sitp 250#, bleed well down to tank in 10 min., load tbq. w/34 bbls. 2% kcl, release pkr. & run thru perfs. to ensure all balls were off perfs., pu to 5963' & reset pkr., test pkr. to 1500#(OK), nu frac stack to top of bop, ru swab, rec. trace of oil, 62 bw in 4 hrs., ifl 1000', ffl 3000', rd swab, miru halliburton, frac well w/75,000# of 20/40 mesh white sand coated w/halliburtons conductivity enhanser sandwedge xs @ 30 bpm as follows, stage 1, load well w/3000 gals. waterfrac G-R(16), stage 2, pump 18000 gals. deltafrac 140-R(16) pad @ 30 bpm, stage 3, pump 17015 gals. deltafrac 140-R(16) carrying 44,196# of sand @ 1 ppg to 5 ppg, stage 4, pump 7368 gals. of deltafrac 140-R(16) carrying 30,000# of sand @ 5 ppg, stage 5, flush w/2244 gals. of waterfrac G-R(16), isip 1856#, 5 min. 1293#, 10 min. 971#, 15 min. 845#, max. treating pressure 5776#, avg. 4239#, max. rate 32.3, avg. rate 27.6 bpm, total load 1015 bbls., si, rd halliburton, sdon!

RECEIVED

2003 OCT 26 AM 9:06

SOUTH MATTIX UNIT FEDERAL #24

03/14/2004 CMIC: gary henrich

sitp 500#,open well to tank on f/o choke,well bled down to 0# in 15 min.,ru swab,rec. trace of oil,18 bw in 2 hrs.,ifl 3500',fll scattered from 2500' to pkr.,getting a lot of sand back on swab cups,let well set for 2 hrs. & make swab run,still getting a lot of sand,rd swab,well started flowing,rec. 9 bo,17 bw in 5 hrs.& died(well con't to make sand while flowing),sisd for weekend!(980 blwltr)

03/16/2004 CMIC: Davis

SITP 700# Bleed pressure off tubing. Killed well. ND Frac stack. Released packer. POOH laying down 191 joints 3 1/2 frac tbg and packer. Change out rams on BOP. RIH with 4-3/4 bit, bit sub, 2 3-5/8 od flapper valves, 32 jts 2-7/8 cavity, 3-3/4 od Bulldog pump, 2-7/8x4' perf. sub, 2 jts tbg, 2-7/8 port sub on 178 joints 2-7/8 tbg. Tagged sand at 6600'. Bail sand out to 6741.23'. POOH with 126 joints tubing. SION

03/17/2004 CMIC: Davis

SITP & SICP 500# Bleed well down and kill well. Finish POOH with tubing and bulldog bailer. LD bailer RIH with bull plugged-4' X 2 7/8 perf sub, 2-7/8 seating nipple on 190 joints 2 7/8 tubing to 5932.26'. Make up and RIH with swab. IFL at 3000'. EFL at 3300'. REC 41 bl. (5 B.O. and 36 B.W.) in 5 1/2 hours. Good gas show. Sand in sample on last run. Rig down swab. Close well in and SDON

03/18/2004 CMIC: Davis

SITP & SICP 700# Open well up to frac tank on F. O choke. Pressure bled down to down to 25# in 3 hrs (flowed back 24 bl. Fluid) RU and RIH with swab. IFL at 3300'. EFL at 3300' fluid scattered to S/N at 5928'. Recovered 34 bl. In 5 hours.(58 bl. Total for day) 9 runs. Sand in samples. Good gas blow. Close well in and SDON.

03/19/2004 CMIC: Davis

SITP 700#. Bleed well down. Killed well. RIH and tag sand at 6706'. POOH laying down 26 joints 2 7/8. RIH with tbg as follows:

1- 2 7/8 eue dump valve	0.80
1- jt. 2 7/8 eue tubing	31.88
1- 3 1/8 od Cavins desander	20.20
1- 2 3/8 od S/N	1.10
1- jt. 2 3/8 eue IPC tubing	31.41
11- jts 2 7/8 eue tubing	348.57
1- 5 1/2 X 2 7/8 eue TAC	2.80
192- jts 2 7/8 tubing	5976.06
Total pipe	6412.82
KB	16.00
Btm pipe @	6428.82

Nipple down BOP. Set TAC 15pt tension. NUWH. SION

03/20/2004 CMIC: Davis

SITP 700#. RIH w/ new OXY pump OXH709 2 X 1 1/4 X 20', 6 1 3/4 K-bars, 160 3/4, 87 7/8" rods Loaded tbg, long stroke pump had good P/A. RD. SI till Monday

03/24/2004 CMIC: Davis

Bored and sleeved middle crank arm hole. Installed 40 hp motor and connected electricial power.

03/26/2004 CMIC: Davis

Oil - 5 Water - 46 Gas - 107

03/27/2004 CMIC: Davis

Oil - 0 Water - 20 Gas - 107 LP - 36 SPM - 7 SL - 102" Poc - 8%

03/31/2004 CMIC: Davis

MIRU Aries Spaced out pump. Loaded tbg had good P/A. RD Left well pumping to battery.

Test Date	Oil	Water	Gas	Water Cut%	GOR	
04/01/2004	35.0	10.0	288.0	22.2%	8,228.6	24.0
04/02/2004	26.0		288.0		11,076.9	24.0
04/03/2004	33.0	10.0	291.0	23.3%	8,818.2	24.0
04/04/2004	28.0	31.0	327.0	52.5%	11,678.6	24.0
04/05/2004	34.0	11.0	327.0	24.4%	9,617.6	24.0
04/06/2004	35.0	8.0	327.0	18.6%	9,342.9	24.0
04/07/2004	29.0	8.0	327.0	21.6%	11,275.9	24.0

Test Date	Oil	Water	Gas	Water Cut%	GOR	
04/10/2004	34.0	5.0	327.0	12.8%	9,617.6	24.0
04/12/2004	33.0	5.0	327.0	13.2%	9,909.1	24.0
04/13/2004	2.0		122.0		61,000.0	24.0
04/14/2004	27.0		122.0		4,518.5	24.0
04/15/2004	31.0		414.0		13,354.8	24.0
04/16/2004	44.0	10.0	378.0	18.5%	8,590.9	24.0
04/17/2004	27.0	3.0	335.0	10.0%	12,407.4	24.0
04/18/2004	32.0	2.0	368.0	5.9%	11,500.0	24.0
04/19/2004	29.0	3.0	375.0	9.4%	12,931.0	24.0