

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED
OMB NO 1004-0137
Expires March 31, 2007

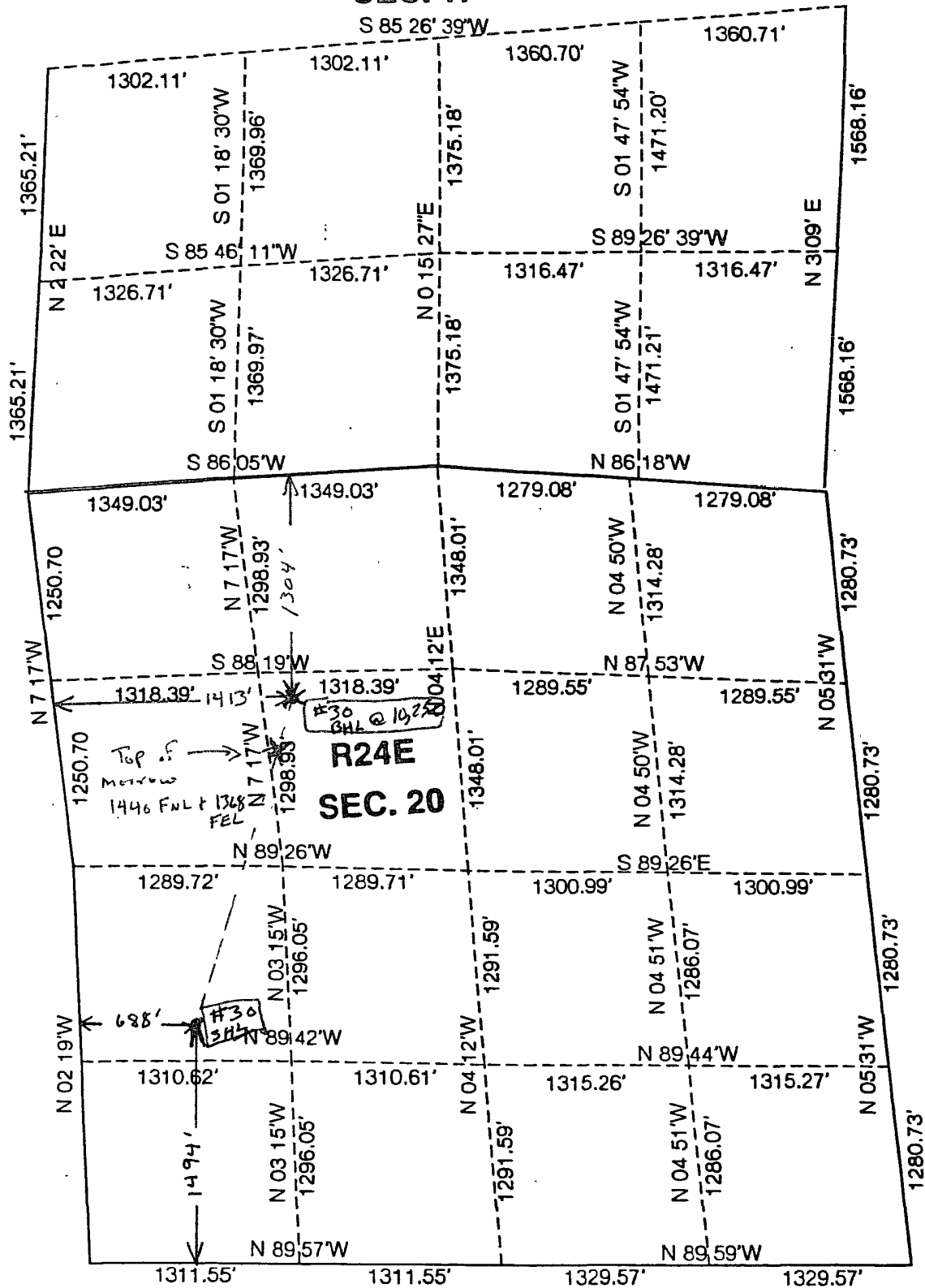
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other		5. Lease Serial No LC- 064391 BUL							
b. Type of Completion. ☐ New Well ☒ Work Over ☐ Deepen ☐ Plug Back ☒ Diff. Resvr., Other		6. If Indian, Allottee or Tribe Name							
2. Name of Operator Marathon Oil Company		7. Unit or CA Agreement Name and No. NM 70964							
3. Address P.O. Box 3487 Houston, TX 77253-3487		8. Lease Name and Well No Indian Hills Unit							
3a. Phone No. (include area code) 713-296-2096		9. API Well No. 30-015-31655							
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 1494' FSL & 688' FWL, UL'L At top prod. interval reported below 1440 FNL & 1368 FWL UL"F" At total depth 1304' FNL & 1413' FWL UL"F" @ 10250 MD		10. Field and Pool, or Exploratory Indian Basin Morrow (78960) 11. Sec, T, R., M., or Block and Survey or Area Sec 20, T-21-S, R-24-E 12. County or Parish Eddy 13. State NM							
14. Date Spudded 03/07/2007		15. Date T D Reached							
16. Date Completed ☐ D & A ☒ Ready to Prod. 05/14/2007		17. Elevations (DF, RKB, RT, GL)* 3791' GR							
18. Total Depth. MD 10,750 TVD 10,353		19. Plug Back T.D.: MD 10,250 TVD 9,873							
20. Depth Bridge Plug Set. MD 10,300 TVD 9,921		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) Perforated off original logs							
22. Was well cored? ☐ No ☐ Yes (Submit analysis) Was DST run ☐ No ☐ Yes (Submit report) Directional Survey? ☐ No ☐ Yes (Submit copy)									
23. Casing and Liner Record (Report all strings set in well)									
Hole Size	Size/Grade	Wt. (#ft)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No of Sks & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
17 1/2"	13 3/8	54.5#	0	1200		1250		Surface	
12 1/4"	9 5/8"	40 & 53	0	8900		2610		Surface	
8 1/2"	7"	26#	8026'	10748		350		8026'	
24. Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
2 3/8"	9842'	N/A							
25. Producing Intervals					26. Perforation Record				
Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status			
A) Morrow	9728	9748	9728-9748	.450"	100	Open			
B)									
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.									
Depth Interval	Amount and Type of Material								
9728'-9748'	CO2 frac w/ 109 ton CO2 w/ 31,800 lbs 20/40 Ceramic								
28. Production - Interval A									
Date First Produced 05/14/07	Test Date 05/17/07	Hours Tested 24	Test Production →	Oil BBL 0	Gas MCF 161	Water BBL 0	Oil Gravity N/A	Gas Gravity	Production Method Pump
Choke Size 12/64	Tbg. Press Flwg. SI 120	Csg. Press 70	24 Hr →	Oil BBL 0	Gas MCF 161	Water BBL 0	Gas Oil Ratio N/A	Well Status Active	
28a. Production-Interval B									
Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press	24 Hr →	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	

ACCEPTED FOR RECORD

IS/ DAVID R. GLASS
SEP 13 2007DAVID R. GLASS
PETROLEUM ENGINEER

T21S R24E
SEC. 17





Indian Hills Unit #30
Morrow Re-completion
(This 2nd completion to Morrow)

GL 3791', KB 3817', TD 11443'
(Depths are Measured Depth)

