

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

FORM NO. 100-10

(See other in-
structions on
reverse side)THIS FORM IS TO BE
FILLED OUT BY THE
DRILLER OR HIS ASSISTANT

5. FIELD IDENTIFICATION AND SERIAL NO.

NM 05551

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

North Indian Basin Unit

8. FARM OR LEASE NAME

North Indian Basin Unit

9. WELL NO.

7

10. FIELD AND FOOT, OR WELL CAT
Undesignated (Indian
Basin Upper Penn)11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

Sec. 11-21S-23E

12. COUNTY OR
PARISH
Eddy13. STATE
New Mexico

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

2. NAME OF OPERATOR

Marathon Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 220, Hobbs, New Mexico 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1650' FSL and 1650' FWL

At top prod. interval reported below same

At total depth same

14. PERMIT NO.

DATE ISSUED

Current

15. DATE DRILLED

10-4-67

16. DATE T.D. REACHED

11-3-67

17. DATE COMPL. (Ready to prod.)

11-9-67

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

GL 3766.8'

19. ELEV. CASINGHEAD

3768'

20. TOTAL DEPTH, MD & TVD

7595'

21. PLUG, BACK T.D., MD & TVD

7564'

22. IF MULTIPLE COMPL.,
HOW MANY*

Single

23. INTERVALS
DRILLED BY

All

24. ROTARY TOOLS

25. WAS DIRECTIONAL
SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Sidewall Neutron Porosity; Compensated Formation
Density; Borehole Compensated Sonic Log-Gamma Ray; Induction-Electric.

27. WAS WELL CORRED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48	161'	17-1/2"	350 sxs, circ. to surface	
8-5/8"	32	2098'	11"	1500 sxs, ditto	
5-1/2"	15.5 & 17	7593'	7-7/8"	990 sxs, ditto	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	7390'	7269'

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
7455-56', 7460-61', 7469-70', 7474-75', 7488-90', 7507-08', with 2 JSPF.	DEPTH INTERVAL (MD)
	7455-7508'
	AMOUNT AND KIND OF MATERIAL USED
	2000 gals. B. D. A. Acid

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or Shut-in)	
11-9-67		Flowing					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	XXX-BBL. CONDENSATE	GAS—MCF.	WATER—BBL.	GRAVITY-API (COOR.)	
11-10-67	2	24/64"	→	4.5	375	0	83,333:1	
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	XXX-BBL. CONDENSATE	GAS—MCF.	WATER—BBL.	XX GRAVITY-API (COOR.)		
1460 psi	Packer	→	54	4500	0	Condensate		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

TEST WITNESSED BY

Jerry Genzer

35. LIST OF ATTACHMENTS

Electric logs, 2 each: Sidewall Neutron Porosity; Compensated Formation
Density; Borehole Compensated Sonic Log-Gamma Ray; Induction-Electric

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED *E. S. Hickey*

TITLE Area Supt.

DATE 11-16-67

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and logs on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (grillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks General": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
	0	162	Caliche	Basil Leonard Wolfcamp Cisco	ELECTRIC LOG TOPS	5926' (-2135') 6146' (-2355') 7434' (-3643')
	162	2790	Lime			
	2790	3490	Lime and Shale			
	3490	6543	Lime			
	6543	7338	Lime and Shale			
	7338	7560	Lime			
	7560	7595 TD	Lime and Dolomite			
#1: 7441-7560' (119'), 5/8" x 1" chokes. Opened tool 5 min. and had gas to surface in 4 min. Took 30 min. initial S.I.P. Open tool and had 290# flowing press. after 5 min. Increased to 350# after 40 min. Flowed through test separator for 1½ hrs. During last 45 min. of tests well flowed at 2.93 MMCFPD rate, with 2.19 bbls. condensate and no water produced during test. T.P. 1125 p.s.i., 25/65" choke. Recovered 30' condensate and trace of water. Condensate 58° Gravity. HI & HO 3358, ISIP 2760, IFP 1011, FFP 1380, FSIP 2760. Test completed.						