

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved
Budget Bureau No. 42-R55.6.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL OR WELL ☐ NAT. WELL ☐ DRY ☐ OTHER ☐				5. LEASE DESIGNATION AND SERIAL NO. Contract 154			
b. TYPE OF COMPLETION NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESER. ☐ OTHER ☐				6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache			
2. NAME OF OPERATOR Marathon Oil Company				7. UNIT AGREEMENT NAME Jicarilla Apache			
3. ADDRESS OF OPERATOR P.O. Box 2758, Casper, WY 82401				8. FARM OR LEASE NAME Jicarilla Apache			
4. LOCATION OF WELL (Report location clearly on 3 in and on map) At surface: 1,850' ENL & 1,695' ENL At top prod. interval reported below At total depth				9. WELL NO. 14-E			
10. FIELD AND POOL OR WIND-CUT Basin Dakota				11. SPEC. T. R., M., OR BLOCK AND SURVEY OR AREA Section 34, T26N, R5W			
12. COUNTY OR PARISH Rio Arriba				13. STATE New Mexico			
14. FIELD NO. (If well is in a field) 30-030-22591				15. PERMITS (If well is in a field) 6,566' GL, 6,579' KB			
16. DATE COMPLETED 10-17-81				17. DATE COMPLETED 11-4-81			
18. DATE COMPLETED 5-16-83				19. ELEV. CASINGHEAD 6566 GL			
20. TOTAL DEPTH, MD & TVD 7,466'				21. PLUG BACK T.D., MD & TVD 7,405'			
22. IF MULTIPLE COMPLETIONS, HOW MANY? Two*				23. INTERVALS DRILLED BY ROTARY TOOLS 0-7,466'			
24. PRODUCING INTERVALS, OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Graneros-Dakota (See attachment)				25. WAS DIRECTIONAL SURVEY MADE No			
26. TYPE ELECTRIC AND OTHER LOGS RUN (Logs mailed to Federal & State agencies 11-3-81) IEL-GR, CDL-CNL-GR, CBL-GR, GR Tracer				27. WAS WELL CORED No			
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
9-5/8"		36#		517'		13-3/4"	
4-1/2"		11.6 & 10.5#		7,461'		7-7/8"	
						CEMENTING RECORD	
						450 sx 531ft ³ C1B	
						1,690 sx 1 st 952ft ³ L ^{ve} , None	
						283ft ³ C1B, 2 nd 1054ft ³ 50/50#02	
						AMOUNT PULLED	
						None	
						None	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
				None		SCREEN (MD)	
						2-3/8"	
						5,287' KB	
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACER SET (MD)			
2-3/8"		5,287' 3'		5,287' KB			
		7095					
31. PERFORATION RECORD (Interval, size and number) See attachment							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. See Attachment							
33. PRODUCTION							
DATE FIRST PRODUCTION 5-13-82		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Producing on Pipe-line Connection	
DATE OF TEST 5-13-82		HOURS TESTED 24		CHOKE SIZE 22/64"		PROD'N. FOR TEST PERIOD OIL—EBL. 15 GAS—MCT 714 WATER—BPL. 8 GAS-OIL RATIO 47,600	
FLOW. TUBING PRESS. 320 psi		CASING PRESSURE 1,350 psi		CALCULATED 24-HOUR RATE 15		OIL GRAVITY-API (COGR.) Cond 53.0; Gas .65	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be Sold							
35. LIST OF ATTACHMENTS Attachment showing Production Perfs, Production Treatment, & Major Geological Markers							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							

SIGNED

TITLE Acting District Manager

DATE

JUN 01 1983
May 24, 1983

FARMINGTON DISTRICT

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

*Point Lookout, excessive water, zone temp. abandoned. Refer to Sundry Notice approved by BLM O&G & dated April 26, 1983. NMOC

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log 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 (drillers, 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 Cement": 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 POROSITY 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.	38. GEOLOGIC MARKERS	
				NAME	MEAN. DEPTH
Kirtland	2,400'	2,530'		Kirtland	2,400'
Fruitland	2,530'	2,910'		Fruitland	2,530'
Pictured Cliffs	2,910'	3,805'		Pictured Cliffs	2,910'
Chacra	3,805'	4,600'		Chacra	3,805'
Cliff House	4,600'	4,775'		Cliff House	4,600'
Menefee	4,775'	4,950'		Menefee	4,775'
Point Lookout	4,950'	5,330'		Point Lookout	4,950'
Mancos	5,330'	6,260'		Mancos	5,330'
Niobrara	6,260'	6,485'		Niobrara	6,260'
Basal Niobrara	6,485'	6,710'		Basal Niobrara	6,485'
Sanastee	6,710'	7,010'		Sanastee	6,710'
Greenhorn	7,010'	7,100'		Greenhorn	7,010'
Graneros	7,100'	7,230'		Graneros	7,100'
Dakota	7,230'	7,350'		Dakota	7,230'
Morrison	7,350'	7,466'	TD	Morrison	7,350'

JICARILLA APACHE #14-E

PRODUCTION PERFS:

Graneros-Dakota: 7,100, 05, 08, 7232, 35, 38, 41, 44, 46, 63, 66, 69, 74, 77,
7,316, 19, 22, 25, 28, & 31' w/one 0.38" JSPF.
Reperfed 7,100-7,112, 7,230-7,248, 7,262-7,270, 7,273-7,278,
& 7,316-7,332' w/four 0.4" JSPF.

Point Lookout: (4,950, 54, 58, 62, 5,060, 64, 68, 72, 5,115, 19, 34, 38, 42,
TA'd (46, 56, 60, 64, 68, 5,233 & 38 w/one 0.38" JSPF.
(Reperfed 4,950-4,964, 5,058-5,079, 5,114-5,120, 5,132-5,150,
(5,154-5,172, & 7,232-5,241' w/four 0.40" JSPF.

PRODUCTION TREATMENT:

Graneros-Dakota: Treated w/2,500 gal 7-1/2% MSR acid w/400 SCF N_2 /bbl and 1
ball sealer/1.5 bbls acid; 37,000 gal 40# and 32,000 gal 30#
x-linked 2% KCl gelled water w/400 SCF N_2 /bbl; 150,000# 20-40
sand w/1 millicury IR-192/5,000# sand.

Point Lookout: (Treated w/2,000 gal 7-1/2% inhibited spearhead acid w/300
TA'd (SCF N_2 /bbl and 1 ball sealer/1 bbl acid; 140,000 gal 70
(quality foam; 140,800# 20-40 sand, and 26,900# 10-20 sand.

MAJOR GEOLOGICAL MARKERS (TOPS):

Kirtland	2,400'
Fruitland	2,530'
Pictured Cliffs	2,910'
Chacra	3,805'
Cliff House	4,600'
Menefee	4,775'
Point Lookout	4,950'
Mancos	5,330'
Niobrara	6,260'
Basal Niobrara	6,485'
Sanastee	6,710'
Greenhorn	7,010'
Graneros	7,100'
Dakota	7,230'
Morrison	7,350'

LOGS:

IEL-GR
CDL-CNL-GR
CBL-GR
GR Tracer