

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-5019

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Navajo

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Tocito Dome, N. (Penn. D)

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

Sec. 4, T26N, R18W

12. COUNTY OR
PARISH

San Juan

13. STATE

NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

b. TYPE OF COMPLETION:

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

2. NAME OF OPERATOR

Mobil Oil Corporation

3. ADDRESS OF OPERATOR

Three Greenway Plaza East, Suite 800, Houston, Texas 77046

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

At surface 800' FSL & 1840' FEL, Sec. 4, T26N, R18W

At top prod. interval reported below

At total depth

Same

14. PERMIT NO.

DATE ISSUED

12/13/77

15. DATE SPUDDED

12/14/77

16. DATE T.D. REACHED

1/1/78

17. DATE COMPL. (Ready to prod.)

P&A 1/5/78

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

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

6550

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

22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-6550

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

25. WAS DIRECTIONAL
SURVEY-MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Ind., Acoustic

27. WAS WELL CORED

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#	122	17 1/2"	120x H + 2% CaCl ₂	-
9-5/8"	32.3#	1605	12 1/4"	275x Lt Wt + 200x B + 2% CaCl ₂ + 1/4# Flocele	-

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

None

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6300-6550	43x B cmt plug
5450-5550	" " "
3695-3795	" " "
2070-2170	" " "

33. No Test

PRODUCTION 1550-1650

"; 25x Surface - 50'

DATE FIRST PRODUCTION

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

WELL STATUS (Producing or
shut-in)

P & A

DATE OF TEST

HOURS TESTED

CHOKE SIZE

PROD'N. FOR
TEST PERIOD

OIL—BBL.

GAS—MCF.

WATER—BBL.

GAS-OIL RATIO

FLOW. TUBING PRESS.

CASING PRESSURE

CALCULATED
24-HOUR RATE

OIL—BBL.

GAS—MCF.

WATER—BBL.

OIL GRAVITY-API (CORR.)

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

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Well Logs, Inclination Survey, Daily Drilling Report Summary

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

SIGNED

TITLE

Authorized Agent

DATE

1/9/78

*(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 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 filled 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 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			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
No cores cut. DST #1 on OH 6415-6550'; Pkrs @ 6407' & 6415', 3/4" BHC, 3/8" SC. Tool open 9 hrs & 10 mins. Rec. 500' mud, 5380' SGC water. HH 3263 (in) 3196 (out). IBHSIP 3125#, BHFP 0-3115#. BHT 144.				Todilto	2152	
				Entrada	2183	
				Carmel	2233	
				Wingate	2267	
				Chinley	2825	
				Shinarump	3523	
				Moenkopy	3554	
				DeChilly	3805	
				Cutler	4393	
				1st Shale	5944	
				A Zone	5960	
				2nd Shale	6058	
				B Zone	6079	
				3rd Shale	6187	
				D Zone	6247	
				5th Shale	6393	
				E Zone	6408	

DAILY DRILLING REPORT

Navajo #4

NAVAJO #4
Tocito Dome N Fld
San Juan Co, NM
PD 6450 Penn D Zone
Mobil Intr 100%
AFE 7467 = \$370,000
Arapahoe Drlg Rig #2
Spud

12/15/77

(1) 122 WOC 13-3/8 csg, sd, 17½ hole, Spud.
½ @ 120, spud 2:30 PM 12/14/77, ran 3 jts
13-3/8 48# H40 set @ 122, Howco cmt w/ 120x H
+ 2% CaCl2, PD 2:30 AM 12/15/77, circ 25x.

12/18/77

(4) 2010 drlg sd & sh, 8-3/4 hole, NND, Fr Wtr.
ran 41 jts 9-5/8 32.3# H40, Howco COB w/
275x Lt Wt + 200x B + 2% CaCl2 + ¼# Flocele,
PD 8:30 AM 12/17/77, circ tr cmt, NU, test
BOP's/1000/ok.

1/2/78

(18) 6550 TD, logging, lm & sh, 8-3/4 hole,
1½ @ 6550, 9.4-54-8.
TD 8:30 PM 1/1/78, circ 1½ hrs, POH, DA ran
Ind Surf-6552; running Acoustic log.
COST \$139 M.

1/3/78

(19) 6550 TD, ND, lm & sh, 8-3/4 hole,
DST #1: 6415-6550, Howco pkrs 6407-6415,
3/4" BHC variable surf tool open w/ sl blow
inc to good in 20 min, dead in 25, could not
close tool, let set 8-3/4 hrs, prep POH.
COST \$151 M.

1/4/78

(20) 6550 TD, ND, lm & sh, 8-3/4 hole.
DST #1: 6415-6550, Howco pkrs 6407 & 6415,
3/4 BHC, 3/8 surf, TO 9 hrs & 10 min, POH,
rec 500' mud, 5380' SGC wtr, res mud in pits
3.4 Ohms @ 59° F, mud in DP .61 Ohms @ 52°,
wtr in DP .11 Ohms @ 60° F, HH in 3263, HH
out 3196, initial BHSIP 3129, BHFP 0-3115,
Final BHSIP 3115, BHT 144, GIH OE w/ DP, circ
WOO.
COST \$155 M.

1/5/78

(21) 6550 TD.
Cleared thru following procedure w/ Mr. Seelinger,
USGS, Farmington & Mr. Kindrick, NM Oil & Gas
Comm, Aztec, NM - Howco spot 43x Class B
plugs as follows: 6550-6300; 5550-5450;
3795-3695; 2170-2070; 1650-1550 - 25x B 0-50,
cut off head, instl marker, rel rig 6 AM
1/5/78, well P&A.
FINAL REPORT.