

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.

6

10. FIELD AND POOL, OR WILDCAT

Tocito Dome-Penn D Assoc.

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

Sec. 3, T26N, R18W

12. COUNTY OR
PARISH

Sun Juan

13. STATE

New Mexico

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

Mobil Oil Corporation

3. ADDRESS OF OPERATOR

Nine Greenway Plaza Suite 2700, Houston, Texas 77046

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

At surface 1980' FEL & 660' FNL

At top prod. interval reported below

same as surface

At total depth

same as surface

14. PERMIT NO.

N/A

DATE ISSUED

3/23/79

15. DATE SPUNDED

5/6/79

16. DATE T.D. REACHED

5/31/79

17. DATE COMPL. (Ready to prod.)

P & A

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

5624' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

6900'

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

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

ROTARY TOOLS

CABLE TOOLS

X

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

Dry Hole

25. WAS DIRECTIONAL
SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

Induction Gamma Ray Log, DHC Acoustical Log

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#	115	17 1/2	140 sx B + 2% CaCl2	
8-5/8	24#	1557	12 1/4	600 sx Lt. Wt. + 200sxB	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None							

31. PERFORATION RECORD (Interval, size and number)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION

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

WELL STATUS (Producing or
shut-in)

DATE OF TEST

No 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

3sets Logs (Mailed separately), Daily Drilling Record, GEOLOGICAL SURVEY

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

SIGNED

Rouhie Jay

TITLE

Authorized Agent

DATE

7/11/79

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

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.)

P & A procedure: set 65x Lt Wt plug 6500-6300; 65 sxs @ 5600-5400; 130 sxs. Lt. Wt. @ 4000-3600; 80 sxs 2200-2000; 110 sxs B @ 1700-1500. 30 sxs 0-50.

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	TOT	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38.	GEOLOGIC MARKERS		
					NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Dry Hole			DST #1: OH 6760-6881, No HH 3606# in & out 15 min FP 40-53#, 30 min. 51 BHP 133#; opened well BHFP 53-67, well died in 2 min 2½ hr BHSIP 214#, rec. 45' drlg. mud, slightly gas cmt.		Penn D	6208'	
			DST #2: OH 6380-6460 No WC IHH 3421#, 15 min BHFP 316-2470, 30 min BHSIP 3048#. 59 min BHFP 2569-2915, 2 hr BHSIP 3075#. FHH 3368#. Rec. 6350' brackish water.		Hermosa	5519'	
			DST #3: Attempted test on OH 3790-3830 w/ Lynes pkrs @ 3790 - Pkrs. failed. Hole caving.		De Chelley	3775'	

DAILY DRILLING REPORT

Navajo #6

NAVAJO #6

Tocito Dome Penn Fld

San Juan Co, NM

PD 7000 Penn.

Mobil Intr 100%

AFE 9204 = \$409 M

Veco Drlg Rig #5

Spud 5/6/79

13-3/8 @ 115

8-5/8 @ 1557

5 1/2 @

5/4/79

660 FNL & 1980 FEL Sec 3, T26N, R18W.

MIRT, 75% RU.

5/7/79

(1) 120 WOC 13-3/8, sh, 17 1/2 hole, Spud.

spud 5 AM 5/6/79, ran 3 jts 13-3/8 48# K55

set @ 115, Howco cmt w/ 140x B + 2% CaCl2,

PD 1 AM 5/7/79, cmt circ.

5/10/79

(4) 1589 WOC 8-5/8, 12 1/2 hole, Spud.

1° @ 1264,

ran 39 jts 8-5/8 24# K55 set @ 1557, Howco

cmt w/ 600x Lt wt + 1/2# FC + 2% CaCl2 + 200x B

+ 2% CaCl2, PD 1 AM 5/10/79, cmt circ.

5/21/79

(15) 6031 TD, drlg sidetracked hole @ 4505,

sd & sh, 7-7/8 hole. 10-62-10.6.

3° @ 4390,

Bit #7 Reed F@ (199/12-3/4).

5/26/79

(20) 5785 ND, mixing mud, 7-7/8 hole,

NND, 9.6-40-15.

Bit #8 Reed F2 (990)/78-3/4) loosening ret.

@ 5781, spot pill, regain returns, lost ret

@ 5785.

6/1/79

(26) 6900 TD, prep log, sd & sh, 7-7/8 hole,

NND, 9.6-60-10.

Bit #10 Smith F3 (305/28-3/4) TD 11 PM

5/31/79, circ 2 hrs, made short trip, GIH,

cond mud.

6/2/79

(27) 6900 ND TD, 7-7/8 hole, NND.

9.6-60-10.

Circ 2 hrs POH, DA ran Ind & GR & BHC Acoustic

6881-1600, GIH to WOO.

6/4/79

(29) 6900 TD, prep run DST #2 6380-6460.

Cond mud POH for DST #1 6760-6881 by Howco

tool open 15 min w/lt blow, SI 1/2 hr open

... w/lite blow, died in 2 min, SI 2-1/2

hrs, HH in & out 3606, initial 15 min FP 40-53,

initial SIBHP 133, 2nd BHFP 53-67, 2nd BHSIP

214, rec 451' drlg mud w/no show.

NAVAJO #6
 Tocito Dome Penn Fld
 San Juan Co, NM
 PD 7000 Penn
 Mobil Intr 100%
 AFE 9204 = \$409 M
 Veco Drlg Rig #5
 Spud 5/6/79
 13-3/8 @ 115
 8-5/8 @ 1557
 5 1/2 @

6/5/79

(30) 6900 TD, circ WOO.

DST #2 6380-6460 by Howco, tool open 15 min
 on 1" ck, SI 15 min TP 35, SI 1-1/2 hrs open
 on 1/4" ck, gas cut mud to surf in 10 min,
 F1 50 min on 3/4" ck, TP 20-40, rec brackish
 wtr w/tr oil, SI 2 hrs, POH rec DP full of
 brackish wtr, 0.116 Ohms resistivity, HH in
 3458, HH out 3368, initial 15 min BHFP 316-
 2470, 30 min SIBHP 3048, 2nd 1 hr BHFP 2569-
 2914, final 2 hr BHSIP 3074, LD tools, GIH
 w/bit.

6/7/79

(32) 6900 TD, prep run DST #3.

Cond mud start out of hole, lost ret 11 stds
 off bottom, mix LCM pill regain circ, POH
 pick up Lynes DST assembly.

6/8/79

(33) 6900 TD, LD DP.

DST #3 3790-3830, set Lynes inflatable
 straddle pkrs @ 3790 & 3830, both pkrs
 over inflated & busted hole washed out
 GIH 4000', cond mud POH, LD DC's
 GIH OE to 6500, Howco spot 65 sxs Lt Wt
 6500-6300 & 65 sxs @ 5600-5400.

6/9/79

(34) 6900 TD.

Howco set 130x Lt Wt 4000-3600, 80x
 2200-2000, 110x B 1700-1500, 30x 0-50,
 rel rig 12:30 AM 6/9/79, well P&A.

FINAL REPORT.