

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

N00-C-14-20-2687

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo Allotted

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Navajo

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 7, T19N, R6W

12. COUNTY OR PARISH

McKinley

13. STATE

New Mexico

1.

OIL
WELL



GAS
WELL



OTHER

Wildcat

2. NAME OF OPERATOR

Horace F. McKay, Jr. & William J. Mayhew

3. ADDRESS OF OPERATOR

P.O. Box 14738

Albuquerque, New Mexico 87111

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

695' FSL, 2225' FEL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

6823 Gr

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

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☐
☐

PULL OR ALTER CASING

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☐
☐
☐
☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐
☐
☐

REPAIRING WELL

☐
☐
☐

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other)

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Completion Testing
As per attached.



18. I hereby certify that the foregoing is true and correct

SIGNED

William J. Mayhew

TITLE

Partner

DATE

9-17-1979

(This space for Federal or State official use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

SEP 19 1979

*See Instructions on Reverse Side

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

CLAUDE C. KENNEDY

303: 861-1230, ext. 288 INDEPENDENT OIL AND GAS OPERATOR

303: 861-2472

Dome Petroleum Corporation
Suite 1400, Colorado State Bank Bldg.
Denver, Colorado 80202

Trend Exploration
600 Capitol Life Bldg.
Denver, Colorado 80203

McKay & Mayhew #1 Navajo
Section 7, T19N, R6W
2300' Point Lookout, Wildcat
Elev: 6823 Gr.
Prospect: Air Strip
McKinley County, N.M.

Daily Reports:

8- 9-1979	Moving in rig.
8-10-1979	Prep tp spud.
8-13-1979	ø 110', Spud 8-10-79, Set surface 7" @ 95' - 80 sx.
8-14-1979	ø 420'.
8-15-79	ø 810'.
8-16-79	ø 1260'.
8-17-1979	ø 1700'.
8-18-1979	TD 2190 Condition Hole for logs.
8-19-1979	TD 2190 Ran Logs, IES & CDL.
8-20-1979	TD 2190 Ordered Casing, will case and attempt completion.
8-21-1979	TD 2190 Waiting on Casing.
8-22-1979	TD 2190 Running Casing.
8-23-1979	TD 2190 WOC Ran 54 jts, 4½" new csg, J55, 9.5#, landed @ 2160' ground level, cemented with 180 sacks of Howco lite, followed by 190 sacks Class 'B' cement, with 2% calc chloride. Plugged down @ 1:30 P.M., circulated 4 bbls cement to surface.
8-24-1979	TD 2190, WOCT
8-25-1979	TD 2190, WOCT
8-26-1979	TD 2190, WOCT
8-27-1979	TD 2190, PB 2120, MICT Will run Bond Log, Gamma Collar Locator Log, will Perf 4 spf, 2068-74 CDL, and swab test.

CLAUDE C. KENNEDY
INDEPENDENT OIL AND GAS OPERATOR

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303: 861-2472

Dome Petroleum

Trend Exploration

McKay & Mayhew #1 Navajo
Section 7, T19N, R6W
2300' Point Lookout, Wildcat
Elev: 6823 Gr.
Prospect: Air Strip
McKinley County, N.M.

Daily Reports:

8-28-1979 TD 2190 , PB 2120
Current Operation: Swab Testing
Moved in completion rig, ran Bond and Collar Log,
Perf 4 spf 2068-74 CDL,
Swab down, swab dry, no show, shut in overnight.

8-29-1979 TD 2190, PB 2120
Shut in pressure Zero, in 14 hrs.,
swab hole, established entry rate, 2 bbls. salt water per hour,
after 5 hours. Swab hole dry, loaded hole with water,
prep to perforate & test next zone @ 2025.

8-30-1979 TD 2190, PB 2056
Set cast iron bridge plug @ 2056' & perforate 2 spf,
2012-2030 CDL, swab hole dry, no shows, prep to acidize.

8-31-1979 TD 2190, PB 2056, Swabing
SIP - 0, 15 hrs.,
Swab dry, No show, Tag Bridge Plug @ 2056,
Acidize perfs 2012-30 with 800 gal 15% HCL,
400 gal @ 1 BPM @ 600#,
400 gal @ 2 BPM @ 700#,
Swab dry, No show.

9 -1-1979 TD 2190, PB 2056, Swabing
Swab 2012-30 dry, no show,
Set bridge plug @ 1986, perf 2 SPF 1920-30 CDL,
Swab dry.

9 -2-1979 TD 2190, PB 1986, Swabing
Swab dry, No show,
Acidize perfs 1920-30 with 250 gal 15% HCL,
Pumped acid @ 1½ BPM @ 500#,
Swab dry,
Shut down for 67 hour entry test.

9 -3-1979 Shut down.

9 -4-1979 TD 2190, PB 1986, Swabing

9 -5-1979 TD 2190, PB 1986
Shut Down, Waiting on orders, Final report until operations resume.
Zone 1920-30, Swab dry yesterday, no show

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303: 861-2472

Dome Petroleum

Trend Exploration

McKay & Mayhew #1 Navajo
Section 7, T19N, R6W
2300' Point Lookout, Wildcat
Elev: 6823 Gr.
Prospect: Air Strip
McKinley County, N.M.

Daily Reports:

9-11-1979 TD 2190, PB 1986, Wait on swab unit,
Rig Up: The Western Company
CO₂ sand water frac, Zone 1920-30
15,000 gal 1% KCL water,
15,000 # 20/40 sand,
25% CO₂, IR-15 BPM, BDP 1700, TP 1500, SIP 600, 20 min.
Immediate flow back, estimated 50% frac fluid, died at end
of 2 hours. Showed some gas at end. Shut in 9-10-79, 4 PM.

Will report in few days when swab unit on well.

9-12-1979 TD 2190, PB 1986, Swabing
SIPC 440, 41 hrs, Fluid Level @ 200',
Swab 1 run,
Kicked off with 1 swab run,
Flowing & showed good gas,
Died in 40 minutes-
Kicked off second time during day for 20 minutes.

9-13-1979 TD 2190, PB 1986, Swabing
Swab all day with fluid level @ 1500'.
Recovered all frac water.

9-14-1979 TD 2190, PB 1986, Swabing
Established rate of 1 bbl salt water per hour.
No show of oil, sl gas ahead of swab.

9-17-1979 TD 2190, PB 1986, Prep P & A
Wait on rig to pull tubing and plug.

FINAL REPORT



LTR



Job separation sheet

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-2355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☒ Other _____		5. LEASE DESIGNATION AND SERIAL NO. NOO-C-14-20-2687	
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESEV. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Nava jo Allotted	
2. NAME OF OPERATOR Horace F. McKay, Jr. & William J. Mayhew		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. Box 14738 Albuquerque, New Mexico 87111		8. FARM OR LEASE NAME Nava jo	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 695' FSL, 2225' FEL At top prod. interval reported below Same At total depth Same		9. WELL NO. 1	
14. PERMIT NO.		DATE ISSUED	
15. DATE SPUDDED 8-10-1979		16. DATE T.D. REACHED 8-18-1979	
17. DATE COMPL. (Ready to prod.) 9-10-1979		18. ELEVATIONS (DF, RES. ST. CR, ETC.) 6823 Gr.	
19. DEPTH, CASING HEAD		20. TOTAL DEPTH, MD & TVD TD 2190	
21. PLUG BACK T.D., MD & TVD PB 1986		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY ROTARY TOOLS 0-2190 CABLE TOOLS		24. WAS DIRECTIONAL SURVEY MADE Yes	
25. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* P & A		26. TYPE ELECTRIC AND OTHER LOGS RUN IES & FDC	
27. WAS WELL Cased No		28. CASING RECORD (Report all strings set in well)	
CASINO SIZE 7 4 1/2		WEIGHT, LB./FT. 24# 9.5#	
DEPTH SET (MD) 95 2160		HOLE SIZE 11 6 1/2	
CEMENTING RECORD 80 SX 370 SX		AMOUNT FILLED None None	
29. LINER RECORD		30. TUBING RECORD	
SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT* SCREEN (MD)		SIZE DEPTH SET (MD) PACKER SET (MD)	
31. PERFORATION RECORD (Interval, size and number) 2068-74 Dry 2012-30 Dry 1920-30 Dry		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 1920-30 AMOUNT AND KIND OF MATERIAL USED 15,000 water 15,000 sand 25% GOC	
33. PRODUCTION DATE FIRST PRODUCTION P & A PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) WELL STATUS (Producing or shut-in)		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)	
35. LIST OF ATTACHMENTS		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.	
SIGNED <i>James C. Gandy</i>		TITLE Agent	
DATE 11-12-1979			

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

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 35, 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 (drilllogs, 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 13: 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: "Seals 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.)

1504 8-23
 1505 8-23