

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☐

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER Re-enter

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Parko Oil

3. ADDRESS OF OPERATOR

903 W. Apache, Farmington, NM 87401

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

At surface

990' FNL, 990' FWL

At proposed prod. zone

Re-enter & complete in Gallup

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

16. NO. OF ACRES IN LEASE

161

19. PROPOSED DEPTH

5800'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

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

G.L. 7293' KB 7306'

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED

22. APPROX. DATE WORK WILL START*

ASAP, Oct. 1984

23.

PROPOSED PROGRAM AND COMMENTS

This action is subject to administrative
appeal pursuant to 30 CFR 290.

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH |
|-----------------------|----------------|-----------------|---|
| 7 7/8" bit to plug | 4 1/2" new | 10.5 | tie to exist ing 4 1/2", 10.5 at 1529 |

Orig Hole

6 3/4"

4 1/2" in place

10.5

1529'-5815'

200 sx Pozmix A

Surface Pipe

12 1/4"

8 5/8"

24

256'

200 sq. ft Class "B" 2% C

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OIL CON. DIV.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Hayd C. Parker

TITLE

President

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED 9/29/84

AS AMENDED

NOV 01 1984

Carlson D. Huerfano
AREA MANAGER
FARMINGTON RESOURCE AREA

OPERATOR

*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION

WELL LOCATION AND ACERAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section

TESORO PETROLEUM CORPORATION **MURIELA**
 Unit 1, Section 31, Township 23 NORTH, Range 6 WEST, County GARIBOLD
 Actual Footage Location of Well: 990 NORTH 990 WEST
 Ground level, feet: 7293.0
 Indicated Area for: 10
 Signature: *W.C. Gallup*

1. Outline the acreage and interest in the subject well to be consolidated and have marked on the plat below:

2. If more than one lease is dedicated to the well, outline each one and state the ownership, the working interest and royalty.

3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, forced pooling, etc.?

Yes ☐ No ☐ If answer is "yes," state of consolidation:

If answer is "no," list the owners and tract descriptions which have actually consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated. (By communitization, unitization, forced pooling or otherwise) or until a non-transfer unit, eliminating such interests, has been approved by the Commission.

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name

Gordon H. Gray

Position

Gordon H. Gray

Project Engineer

Company

Tesoro Petroleum Corporation

Date

19 August 71

I hereby certify that the well location shown on this plat was plotted from field notes of surveys made by me or under my supervision, that the same is true and correct to the best of my knowledge and belief.

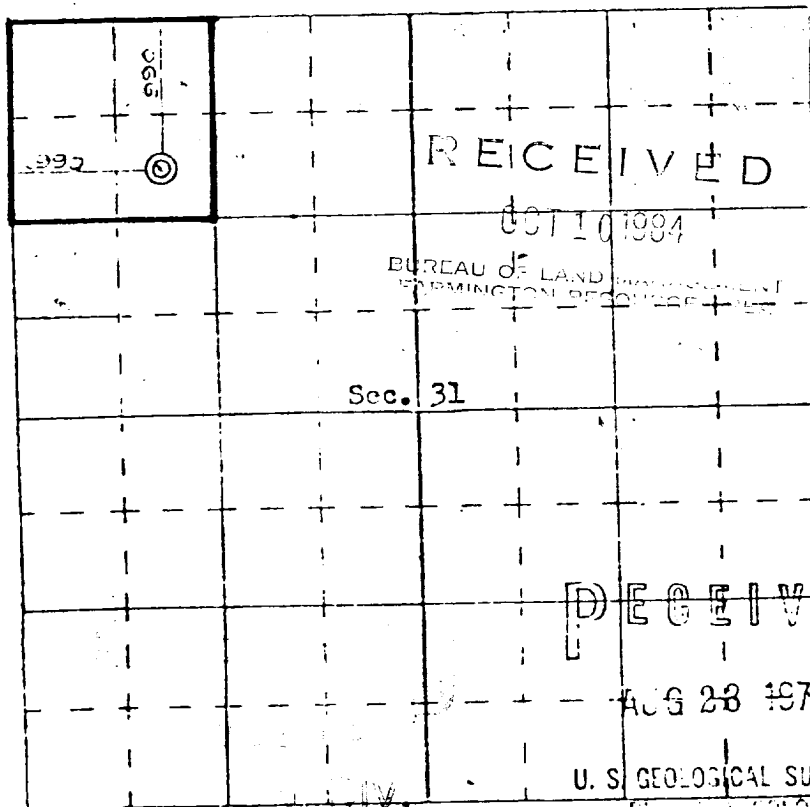
James P. Reese

16 August, 1971

Professional Engineer
 State of New Mexico

JAMES P. REESE

Certificate No. 1463



SCALE—4 INCHES EQUALS 1 MILE

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ well gas ☐ well other

2. NAME OF OPERATOR

Parko Oil

3. ADDRESS OF OPERATOR

903 W. Apache, Farmington, New Mexico 87401

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 990' FNL, 990' FWL

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON* ☐

(other) Re-enter & complete in Gallup

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.)*

Drill cement plugs to 4½" casing stub at 1539', bowl over, and clean out to 5800'. Selectively perforate lower and upper Gallup. Stimulate in 2 stages and complete as a pumping oil well. Attached is a detailed prognosis that will be followed during the work planned for this well.

| |
|--|
| 5. LEASE |
| USA-NM 58871 |
| 6. IF INDIAN, ALLOTTEE OR TRIBE NAME |
| 7. UNIT AGREEMENT NAME |
| 8. FARM OR LEASE NAME |
| Quinella |
| 9. WELL NO. |
| 10. FIELD OR WILDCAT NAME |
| Under. Gallup |
| 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA |
| Section 31, T23N, R6W |
| 12. COUNTY OR PARISH |
| Sandoval |
| 13. STATE |
| New Mexico |
| 14. API NO. |
| 15. ELEVATIONS (SHOW DF, KDB, AND WD) |
| G.L. 7293' KB 7306' |

(NOTE: Report results of multiple completion at zone change on Form 9-330.)

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BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

Subsurface Safety Valve: Manu. and Type

Set @ Ft.

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

SIGNED Hayd E. Parkin TITLE President DATE

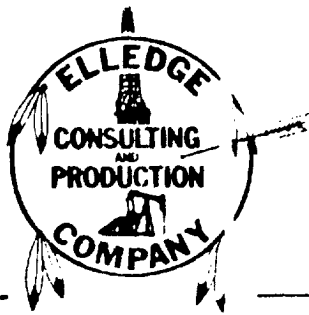
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

9-18-84
APPROVED
AS AMENDED
NOV 01 1984
Alan D. Hiner
acting AREA MANAGER
FARMINGTON RESOURCE AREA

0 214701



P.O. Box 819
Bloomfield, New Mexico 87413

(505) 632-3385

PARKO OIL
Quinella #1
Section 31, T23N, R6W
Sandoval County, New Mexico

1. MI&RU Action Well Service. Test out dry hole marker and nipple up 600 series casinghead to 8 5/8" surface pipe. Install 3000 psi working pressure blow out preventer. Move in 2 7/8" work string and 3 3/4" drill collars.
2. Drill with 7 7/8" bit cement plugs to 4 1/2" casing stub at 1529'. Run 7 1/2" wash over shoe with 6 1/2" mill, and mill 3' or 4' of 4 1/2" casing stub, to dress suitable for casing patch.
3. Run Bowen casing patch on new 4 1/2" 10.5# ST&C casing and latch onto casing stub. Pressure test casing patch to 3000 psi.
4. Run 3 1/2" bit on 2 3/8" tubing and drill out cement plugs to 5800' KB. Pressure test casing to 3000 psi. If does not hold, set cast iron drillable bridge plug at 5800' and repeat pressure test. Test under packer if necessary to isolate old perforations.
5. Roll hole to 2% KCl water. Perforate lower Gallup with one jet shot at the following depths: 584, 86, 88, 90, 92, 94, 5602, 04, 06, 08, 5616, 18, 20, 22, 24, 28, 30, 32, 34, 36, 38, and 5652, 54, 56, 60, 62, 64, 66, 68, and 70 for total of 30 - 0.38" holes.
6. Run packer on 2 3/8" tubing and set near 5400'. Acidize with 2000 gallons 15% HCl containing 100 ball sealers, iron sequestering agent, fines suspender, non-emulsifier, and inhibitor. Ball off to 3500 psi, if possible. Lower packer thru perfs and pull out of hole.
7. Frack lower Gallup with approximately 150,000 lbs. 20/40 mesh sand in slick 2% KCl water. Frack job will be designed later. Leave well SI overnight.
8. Run in hole with drillable BP at set near 5510'. Test casing & bridge plug to 3000 psi.
9. Perforate upper Gallup with one jet shot at the following depths: 5170, 72, 5210, 12, 13, 54, 56, 62, 64, 66, 97, 99, 5306, 08, 39, 40, 5470, 71, 72, 73, 74, 75, 76, 77, 78, 79, and 80.
10. Run in with packer on 2 3/8" tubing and set packer near 4950'. Acidize with 1500 gallons 15% HCl containing 40 ball sealers and additives as above. Ball off to 3500 psi, if possible. Lower packer thru perfs and pull out of hole.

PARKO OIL
Quinella #1
Section 31, T23N, R6W
Sandoval County, New Mexico

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11. Frack upper Gallup with 67,500 lbs 20/40 sand in slick 2% KCl water. Frack job will be designed later. Leave well shut in overnight
12. Run in with 3½" bit and drill bridge plug at 5510'. Clean out to 5800'. Pull out of hole.
13. Run 2 2/3" tubing with seating nipple one jt. up and land near 5100'. Swab well and test.
14. Lower tubing and clean out to 5800'. Land production tubing near 5670' and run rods and pump as well performance dictates.

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