

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Kirby Exploration Company

3. ADDRESS OF OPERATOR

P.O. Box 1745, Houston, Texas 77001

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

At surface

900' FSL & 1190' FEL

At proposed prod. zone

same

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

12 miles west of Counselors Trading Post

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.

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

6886 GR

16. NO. OF ACRES IN LEASE

1845.24

19. PROPOSED DEPTH

2500'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

August 20, 1977

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24#	90'	100 sacks class "B"
6 3/4	4 1/2	10.5#	2500'	200 sacks class "B"

Spud 12 1/4" hole with native mud. Set 8 5/8" surface casing as above. Install 6" 900 series blow out preventer prior to drilling from under surface.

Drill 6 3/4" hole to 2500'. Mud properties approximately as follows: wt. 9.0# per gallon, vis. 35 seconds per quart, water loss 10± cc per 30 minute. Open hole logs to consist of IES, FDC/CNL with GR-Caliper.

If commercial, run 4 1/2" casing and cement as above.

If non-commercial, well will be plugged according to U.S.G.S. specifications.

Gas under this lease is not committed to a contract.

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

John Alexander

TITLE

Agent

DATE

7-20-77

PERMIT NO.

APPROVAL DATE

APPROVED BY

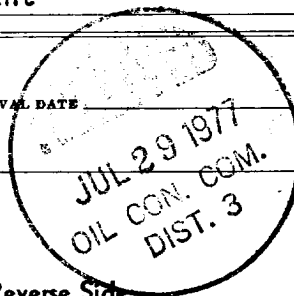
TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

OK

ST



*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

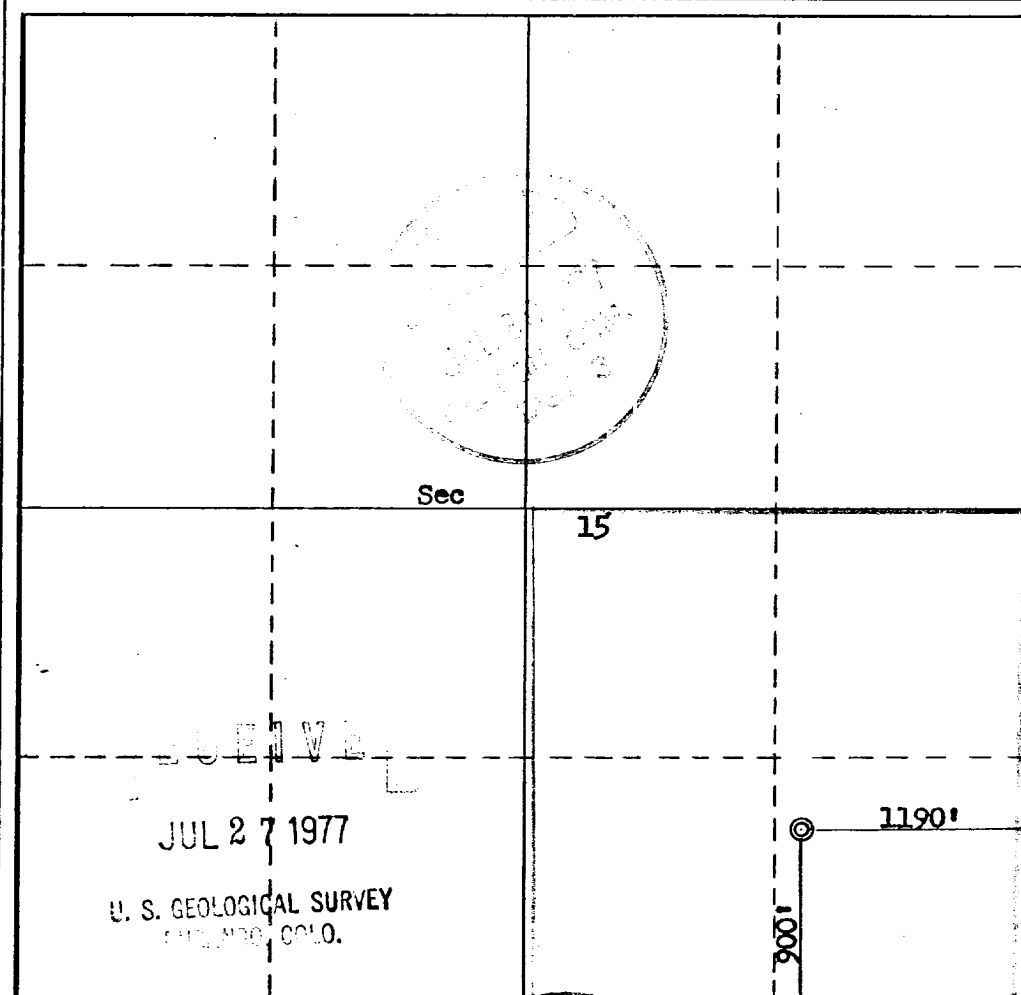
Operator Kirby Exploration Company			Lease Navajo 15		Well No. 1
Unit Letter P	Section 15	Township 22N	Range 7W	County Sandoval	
Actual Footage Location of Well: 900 feet from the South line and 1190 feet from the East line					
Ground Level Elev. 6886	Producing Formation Chacra	Pool Rusty Chacra Extension		Dedicated Acreage: 160	Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to 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, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been 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-standard 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.

John Alexander

Name

Agent

Position

Kirby Exploration Company

Company

7-20-77

Date

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

Date Surveyed

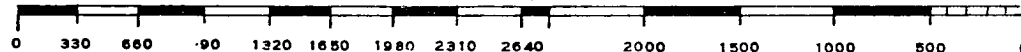
July 2, 1977

Registered Professional Engineer and/or Land Surveyor

Fred B. Kerr Jr.

Certificate No.

3950



3E COMPANY, INC.

Engineering • Energy • Exploration

P. O. Box 190 — 505/327-4020

FARMINGTON, NEW MEXICO 87401

July 20, 1977

U.S. Department of Interior
Geological Survey
P.O. Box 1809
Durango, CO 81301

Attention. Mr. Jerry Long
District Engineer

RE: Development Plan for Surface Use
Kirby Exploration Company
Navajo 15 #1
900' FSL & 1190' FEL
Sec 15, T22N, R7W
Rusty Chacra Extension
Sandoval County, New Mexico

Gentlemen:

Attached is the "Application for Permit to Drill" (form #9-331C) for the subject well. Also enclosed are the following items: surveyor's plat, drill site plat, vicinity map and archaeologists report. Mr. Bob Moore of the Bureau of Land Management, Mr. Lee Freeman of the United States Geological Survey and Ms. Pat Zarnowski of the Agency of Conservation Archaeology have inspected the site.

The development plan for surface use is as follows:

Points 1, 3, 4, 6, & 9 Vicinity map and drill site plat attached.

Point 2. Water bars will be used on all roads where necessary.

Point 5. Water for drilling will be trucked from Escrito approximately 25 miles to the north.

Point 7. A waste disposal pit will be provided for the garbage and trash. Location shown on drill site plat. Drilling fluids will be contained in reserve pit until such time as evaporation occurs and then pits will be covered.

Point 8. No camps or airstrip.

JUL 27 1977

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

U.S. Department of Interior
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July 20, 1977

Point 10. Should the well be a commercial producer, it will be equipped to facilitate producing operations with all drilling pits filled, location leveled and well site reseeded in compliance with current Bureau of Land Management seeding requirements. During dry out time required for the reserve pit it will be fenced to eliminate livestock entry. All facilities will be painted Grey: Federal Standard 595-36357

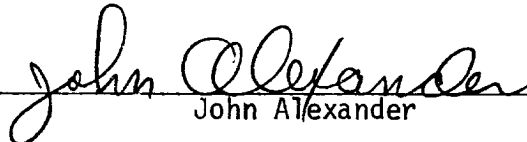
Point 11. Terrain consist of rolling hills covered by sage brush, snake weed and blue gramma. Access will be via 1200' of new road from an existing road to the east.

Point 12.

John Alexander
3E Company, Inc.
P.O. Box 190
Farmington, NM 87401
Phone: 505-327-4020

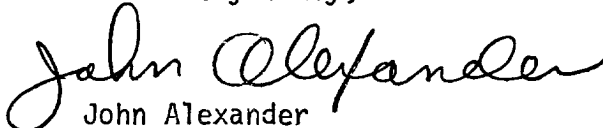
Point 13. I hereby certify that I or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in the plan are to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Kirby Exploration Company and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

7-20-77


John Alexander

Should further information be desired, please advise.

Yours very truly,


John Alexander

JA:st

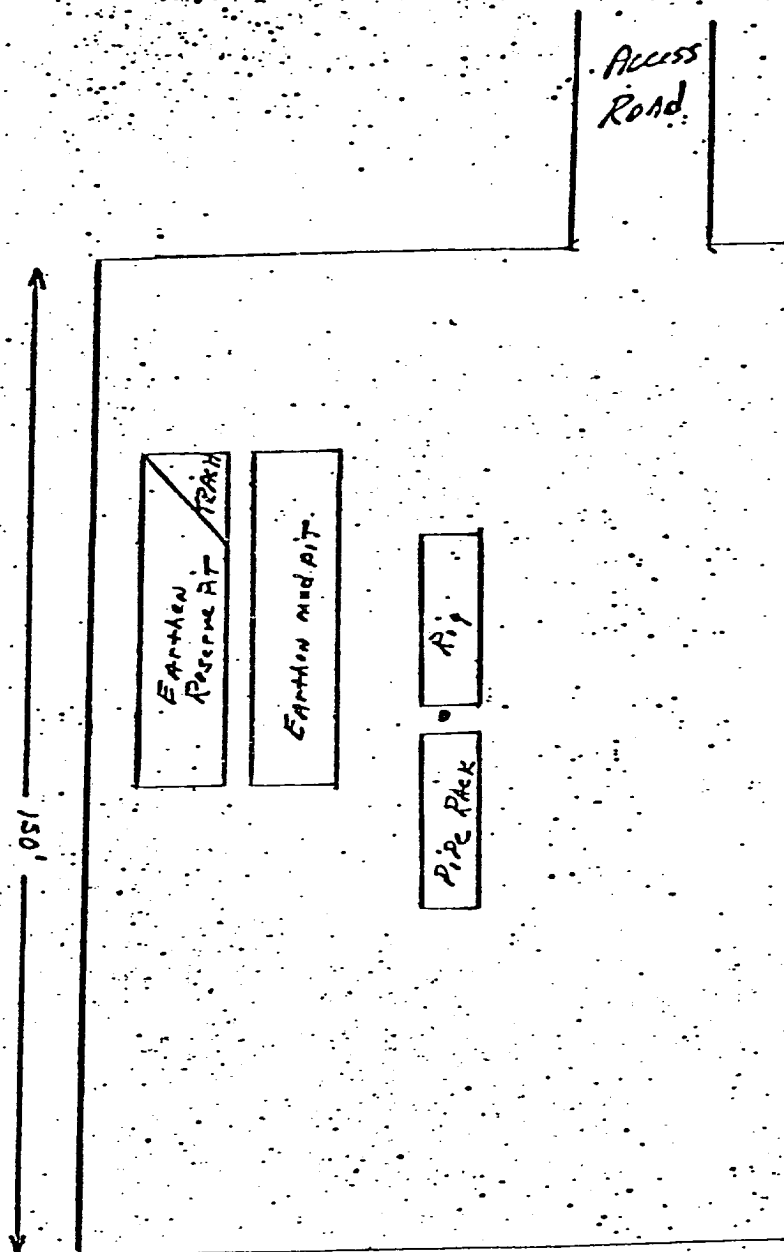
Attachments

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U. S. GEOLOGICAL SURVEY
DENVER, COLO.

Well site PLAT



Scale 1" = 30'

JUL 27 1977

U. S. GEOLOGICAL SURVEY
DENVER, COLORADO

KIRBY EXPLORATION COMPANY
NAVAJO 15 #1
900' FSL & 1190' FEL
Sec 15 - 22N - 7W
Sandoval County, New Mexico

May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Budget Bureau No. 42/R1424

1. LEASE DESIGNATION AND SERIAL NO.
NM-8899

2. IF INDIAN, ALIQUOT OR TRIBE NAME

3. UNIT AGREEMENT NAME

4. FARM OR LEASE NAME
Navajo 15

5. WELL NO.
1

6. FIELD AND POOL, OR WILDCAT
Rusty Chacra Extension

7. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 15, T22N, R7W

8. COUNTY OR PARISH
Sandoval

9. STATE
N.M.

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 "APPLICATION FOR PERMIT—" for such proposals.)

OIL WELL ☐ GAS WELL ☒ OTHER

NAME OF OPERATOR
Dome Petroleum Corporation

ADDRESS OF OPERATOR
Minerals Management Incorporated
501 Airport Drive, Farmington, New Mexico 87401

LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
P 900' FSL & 1190' FEL

4. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
6886 GR

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐ PULL OR ALTER CASING ☐
FRACTURE TREAT ☐ MULTIPLE COMPLETION ☐
SHOOT OR ACIDIZE ☐ ABANDON* ☐
REPAIR WELL ☐ CHANGE PLANS ☐
(Other) Change of Operator ☒

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.)

7. 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.)*

Dome Petroleum Corporation is now the operator of this lease formerly operated by Kirby Exploration Company, P. O. Box 1745, Houston, Texas 77001.

The thirteen-point development plan remains intact except that point 12 should be changed to contact W. E. Landry, Minerals Management Inc., 501 Airport Drive, Farmington, New Mexico, 87401. Telephone 505-327-4441.



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

SIGNED W. E. Landry TITLE Area Manager DATE 3-2-78

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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
Dome Petroleum Corp
3. ADDRESS OF OPERATOR
1600 Broadway, Suite 1500, Denver, Colo
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 900' FSL & 1190' FEL
AT TOP PROD. INTERVAL: SAME
AT TOTAL DEPTH: SAME
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) Plans to Commence Operations

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.)*

Well not drilled when initially planned due to failure to obtain necessary partner approvals. Dome now plans to drill this well in the 4th quarter of 1978.

Subsurface Safety Valve: Manu. and Type _____

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

SIGNED

William E. Balzak

TITLE

District Engineer

DATE

August 4, 1978

(This space for Federal or State office use)

APPROVED BY _____

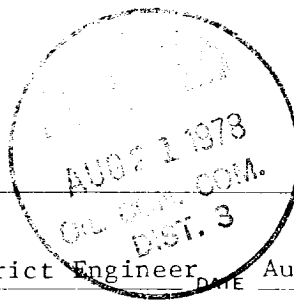
TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

5. LEASE NM-8899	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo	
7. UNIT AGREEMENT NAME	
8. FARM OR LEASE NAME Navajo 15	
9. WELL NO. 1	
10. FIELD OR WILDCAT NAME Rusty Chacra Extension	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 15, T22N, R7W	
12. COUNTY OR PARISH Sandoval	13. STATE New Mexico
14. API NO.	
15. ELEVATIONS (SHOW DF, KDB, AND WD) 6886' GR	

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



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AUG 1978

GEOLOGICAL SURVEY
CO. COLO.

Set @ _____ Ft.

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AUG 7 1978

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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 ☐ gas ☒ other ☐
well well2. NAME OF OPERATOR
Dome Petroleum Corp.3. ADDRESS OF OPERATOR
501 Airport Drive, Suite 107, Farmington, NM4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 900' FSL & 1190' FEL
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* ☐☐
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☐

(other) Change of Well Name

5. LEASE NM-8899	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME	
8. FARM OR LEASE NAME Federal 15-22-7	
9. WELL NO. 1	
10. FIELD OR WILDCAT NAME Rusty Chacra Extension	
11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA Sec. 15, T22N, R7W	
12. COUNTY OR PARISH Sandoval	13. STATE N.M.
14. API NO.	
15. ELEVATIONS (SHOW DF, KDB, AND WD) 6886 GR	

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

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.)*

Original Application for Permit to Drill shows well name to read
Navajo 15 Well No. 1. Please change name of well to read Federal
15-22-7 Well No. 1

Subsurface Safety Valve: Manu. and Type _____

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

SIGNED J. Arnold Snell TITLE Operations Mgr. DATE September 19, 1978

(This space for Federal or State office use)

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

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SEP 21 1978

*See Instructions on Reverse Side

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

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 ☒ other2. NAME OF OPERATOR
Dome Petroleum Corp.3. ADDRESS OF OPERATOR 501 Airport Drive,
Suite 107, Farmington, New Mexico

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

P AT SURFACE: 900' FSL, 1190' FEL, Sec. 15, 22N, 7W

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) Change of well name

5. LEASE

N.M. 8899

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Dome Federal 15-22-7

9. WELL NO.

1

10. FIELD OR WILDCAT NAME

Rusty Chacra Extension

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

Section 15, T22N, R7W

12. COUNTY OR PARISH

Sandoval

13. STATE

New Mexico

14. API NO.

15. ELEVATIONS (SHOW DEPTH, KDB, AND WD)

6886' GR

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

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.)*

Dome Petroleum Corp. requests permission to change the well name from ~~Federal~~ 15-22-7 Well No. 1 to Dome Federal 15-22-7 Well No. 1.

This has been requested by the New Mexico Oil Conservation Commission.

Subsurface Safety Valve: Manu. and Type

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

SIGNED J. Arnold SnellTITLE Operations Mgr.

DATE

November 8, 1978

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side