

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
JUN 22 1999

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1. a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

b. TYPE OF WELL

Oil ☐
Well ☐

Gas ☒
Well ☒

Other ☐

SINGLE ☐
ZONE ☒

MULTIPLE ☐
ZONE ☐

2. Name of Operator

Dugan Production Corp.

3. Address and Telephone No.

P.O. Box 420, Farmington, NM 87499 (505) 325-1821

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

At surface 1720' FNL & 790' FWL

At proposed prod. zone

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

Approx. 9 miles south of Thriftway 44 Store, NM

15. DISTANCE FROM PROPOSED*

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

790'

16. NO. OF ACRES IN LEASE

640

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

N/A

19. PROPOSED DEPTH

1335'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show in feet)

6680' GL This section is subject to technical and
procedural review pursuant to 43 CFR 3165.3
and appeal pursuant to 43 CFR 3165.4

22. APPROX. DATE WORK WILL START*

ASAP

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADES, SIZES OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9-7/8"	7"	20#	120'	50 cu.ft. (59 sx) circ. to surface
6-1/4"	4-1/2"	10.5#	1335'	214 cu.ft. (155 sx) circ to surface

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

Plan to drill a 9-7/8" hole and set 120' of 7" OD, 20#, J-55 surface casing; then plan to drill a 6-1/4" hole to total depth with gel-water-mud program to test Chacra formation. Plan to run IES and CDL logs. If determined productive, will run 4-1/2", 10.5#, J-55 casing, selectively perforate, frac, clean out after frac and complete well.

* Originally approved September 7, 1994. APD has been revised to include information for current requirements. Casing and cement design have been changed from the original APD.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM. If proposal is to deepen, 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 Sherman E. Dugan Title Vice-President Date 4/21/99

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE

JUN 24 1999

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY:

Approved by /S/ Duane W. Spencer Title Team Lead, Petroleum Management Date JUN 24 1999

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

PO Box 2088
Santa Fe, NM 87504-2088

Form C-102

Revised February 21, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30 045 2909		2 Pool Code 96166		3 Pool Name Bisti Chacra Ext.	
4 Property Code 15654		5 Property Name Dorsey			6 Well Number 1
7 OGRID No. 006515		8 Operator Name Dugan Production Corporation			9 Elevation 6680' Estimated

10 Surface Location

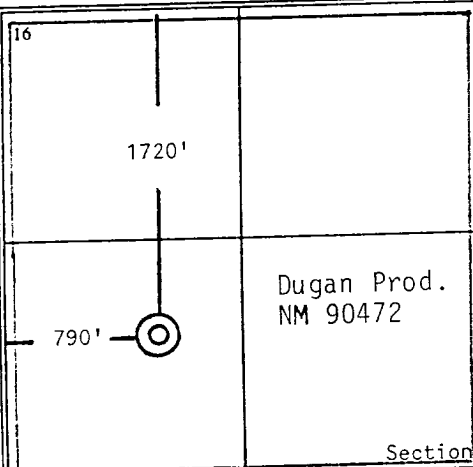
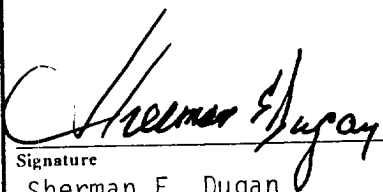

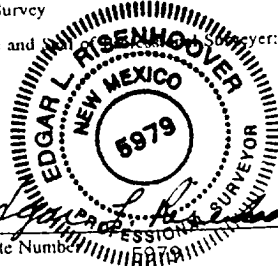
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	26	22N	8W		1720	North	790	West	San Juan

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16		17 OPERATOR CERTIFICATION	
		<p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <p> Signature Sherman E. Dugan Printed Name Vice-President Title 4/19/99 Date</p>	
18 SURVEYOR CERTIFICATION			
<p>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 belief.</p> <p>August 3, 1994 Date of Survey</p> <p> Signature and Surveyor</p> <p> Certificate Number</p>			

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-29909		Pool Code	Pool Name W/C Chacra
Property Code 15654	Property Name Dorsey		Well Number 1
OGRID No. 006515	Operator Name Dugan Production Corporation		Elevation 6680'

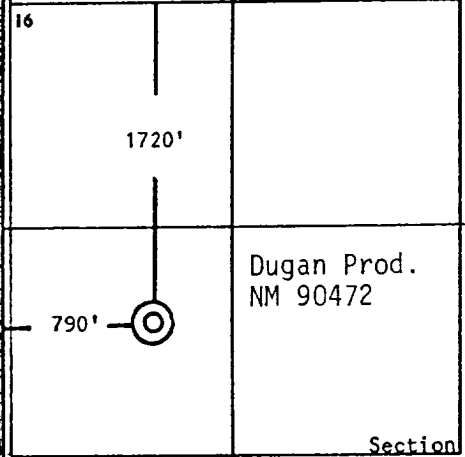
Surface Location

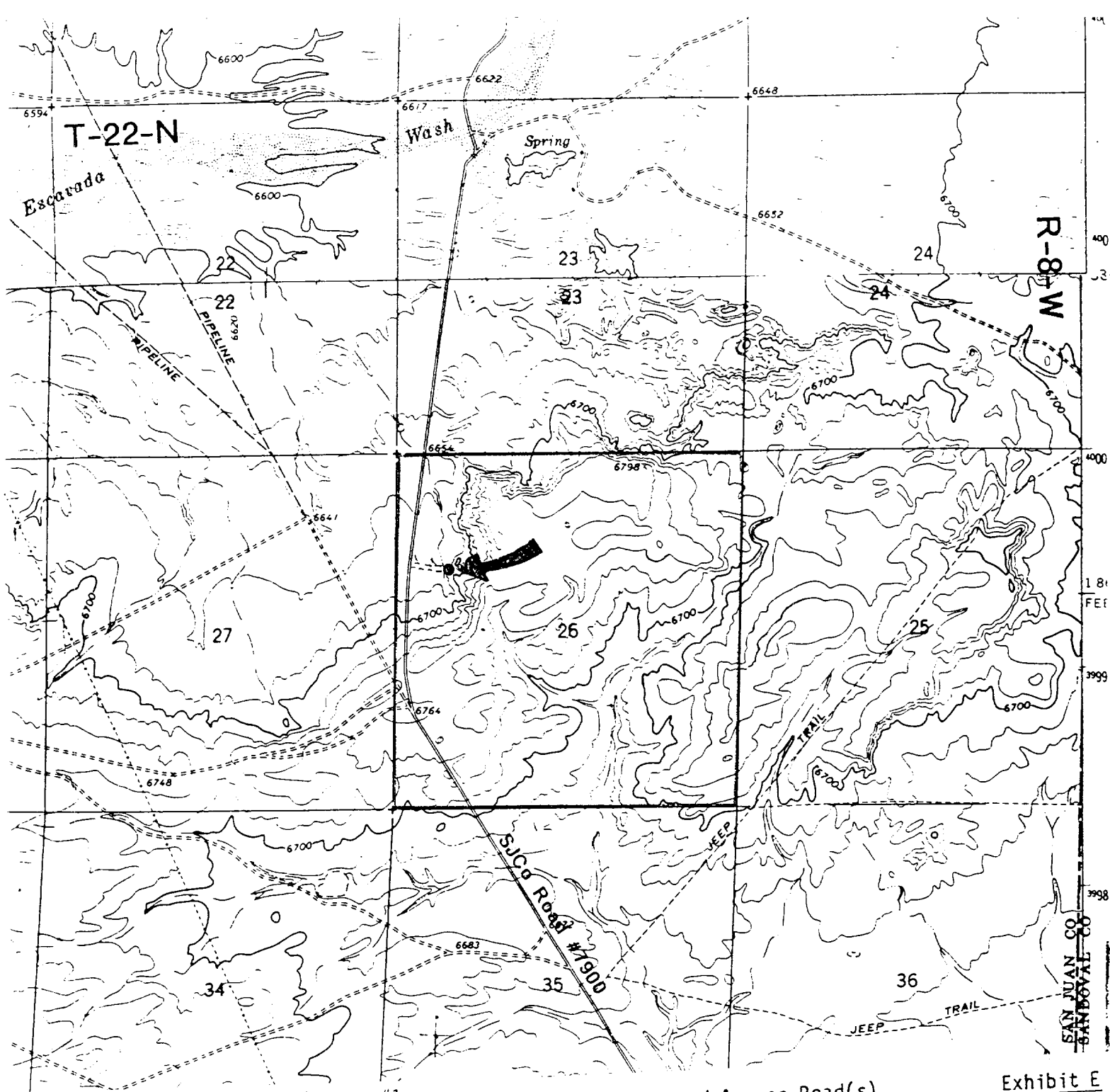
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Bottom Hole Location If Different From Surface

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Dedicated Acres 160	Joint or Infill	Consolidation Code		Order No.					

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	Dugan Prod. NM 90472	Section 26	17 OPERATOR CERTIFICATION	
			I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief Signature: <i>Sherman E. Dugan</i> Printed Name: Sherman E. Dugan Title: Vice-President Date: 8/29/94	
			18 SURVEYOR CERTIFICATION	
			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 belief. August 3, 1994 Date of Survey Signature and Seal of Surveyor: <i>Edgar L. Ribenhoofer</i> Certificate Number: 5879	



Dugar Production Corp. - Dorsey #1

Existing Roads

Vicinity of nearest town or reference pt.
Approx. 9 miles south of 44 store

Type of surface dirt

Conditions good

Other _____

Reference map: USGS map

Fire Rock Well, NM and
Lybrook NW, NM

Exhibit E

Planned Access Road(s)

Exhibit E

Width 20' Maximum grades 2%
 Drainage design as required
 Cuts & Fills as required
 Surfacing material none
☒ Turnouts ☒ Waterbars
☒ Culverts ☒
☒ Gates ☒
☒ Cattleguards ☒
☒ Fence cuts ☒ Access Road & Pipeline

Access road(s) ☒ do ☐ do not cross ☒ Fed ☐ Ind land