

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies

6 NMOCB 1 File  
State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-101  
Revised 1-1-89

OIL CONSERVATION DIVISION  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
P.O. Box Brazos Rd., Aztec, NM 87410

API NO. (assigned by OCD on New Wells)

30-045-28333  
5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

1G-9090

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:

DRILL ☒

RE-ENTER ☐

DEEPEN ☐

PLUG BACK ☐

b. Type of Well:

OIL  
WELL ☐

GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☒

MULTIPLE  
ZONE ☐

7. Lease Name or Unit Agreement Name

Little b

14407  
8. Well No.

2

160  
9. Pool name or Wildcat

Wildcat; Chacra BISTE-CHACRA

2. Name of Operator

6515  
Dugan Production Corp.

3. Address of Operator

P.O. Box 420, Farmington, NM 87499

4. Well Location

Unit Letter G : 1850 Feet From The North Line and 1850 Feet From The East Line

Section 36

Township 23 North Range 8 West

NMPM

San Juan

County

10. Proposed Depth

2045'

11. Formation

Chacra

12. Rotary or C.T.

Rotary

13. Elevations (Show whether DF, RT, GR, etc.)

6910' GL

14. Kind & Status Plug. Bond

State bond

15. Drilling Contractor

Salazar

16. Approx. Date Work will start

ASAP

17.

PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT   | EST. TOP |
|--------------|----------------|-----------------|---------------|-------------------|----------|
| 8-3/4"       | 7"             | 20#             | 90'           | 30 sx(36 cu.ft.)  | surface  |
| 4-3/4"       | 2-7/8"         | 6.5#            | 2045'         | 205 sx(242cu.ft.) | surface  |

Plan to drill an 8-3/4" hole and set 90' of 7" OD, 20#, J-55 surface casing;  
then plan to drill a 4-3/4" 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 2-7/8", 6.5# tubing, selectively perforate, frac, clean out after frac  
and complete well.

RECEIVED

OCT 23 1990

OIL CON. DIV  
DIST. 3

APPROVAL EXPIRES 4-23-91  
UNLESS DRILLING IS COMMENCED.  
SPUD NOTICE MUST BE SUBMITTED

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: DEPOSIT IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

SIGNATURE

Sherman E. Dugan

TITLE

Vice-President

DATE

10-22-90

TYPE OR PRINT NAME

Sherman E. Dugan

TELEPHONE NO.

(This space for State Use)

APPROVED BY

Emil B. Baskin

TITLE

DEPUTY OIL & GAS INSPECTOR, DIST. #3

DATE

OCT 23 1990

CONDITIONS OF APPROVAL, IF ANY:

Submit to Appropriate  
District Office  
State Lease - 4 copies  
Fee Lease - 3 copies

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised 1-1-89

OIL CONSERVATION DIVISION  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

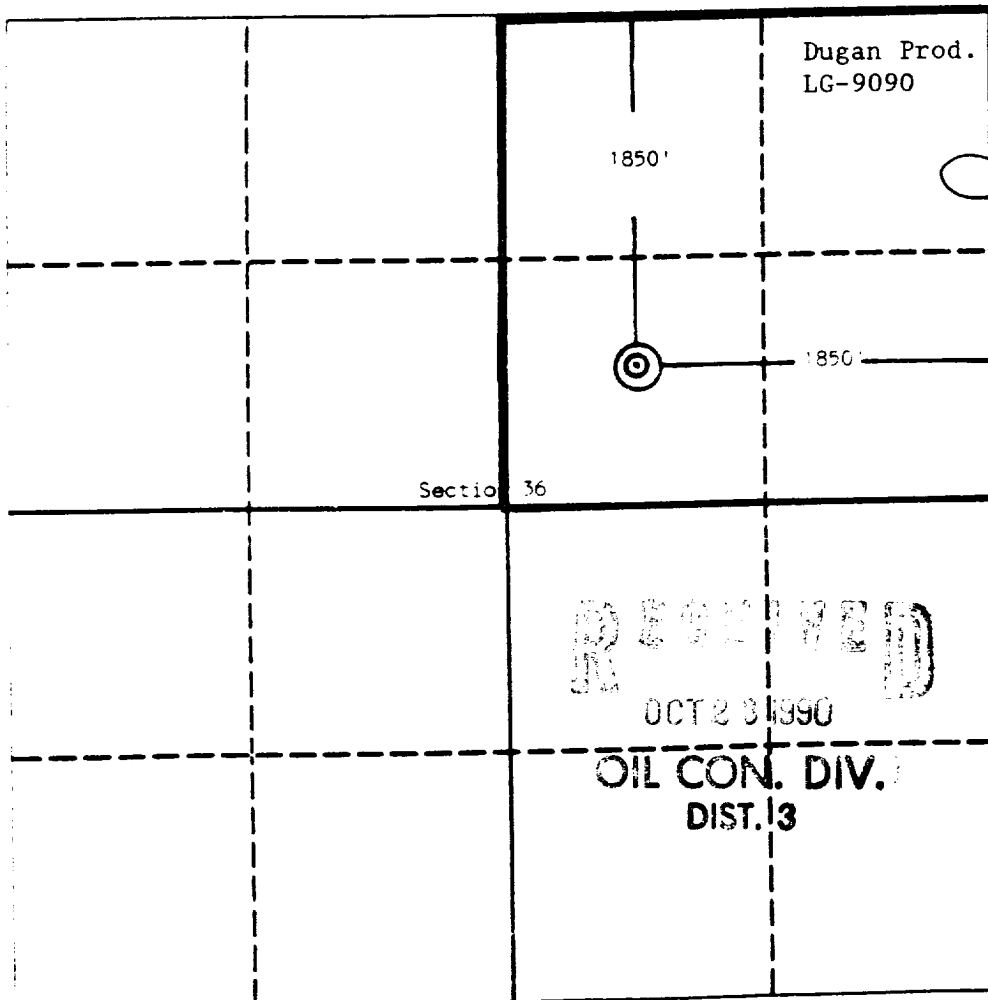
DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT  
All Distances must be from the outer boundaries of the section

|                                                                                                    |                               |                               |                                 |                    |
|----------------------------------------------------------------------------------------------------|-------------------------------|-------------------------------|---------------------------------|--------------------|
| Operator<br>Dugan Production Corporation                                                           |                               | Lease<br>Little b             |                                 | Well No.<br>2      |
| Unit Letter<br>G                                                                                   | Section<br>36                 | Township<br>23 North          | Range<br>8 West                 | County<br>San Juan |
| Actual Footage Location of Well:<br>1850 feet from the North line and 1850 feet from the East line |                               |                               |                                 |                    |
| Ground level Elev.<br>6910                                                                         | Producing Formation<br>Chacra | Pool<br>Wildcat: BASTI-CHACRA | Dedicated Acreage:<br>160 Acres |                    |

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest 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 interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature  
*Sherman E. Dugan*  
Printed Name  
Sherman E. Dugan  
Position  
Vice-President  
Company  
Dugan Production Corp.  
Date  
10-22-90

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 knowledge and belief.

Date Surveyed  
October 11, 1990  
Signature & Seal  
*Edgar L. Risenberger*  
Professional Surveyor  
5920  
Edgar L. Risenberger  
REGISTERED LAND SURVEYOR