

STATE OF NEW MEXICO
OIL AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
REG. NO.	
FIELD OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE ☒ FILE ☐
5. State Oil & Gas Lease No.
LH-1896

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. Type of Work		7. Unit Agreement Name	
2. Type of Well OIL WELL ☒ GAS WELL ☐ OTHER ☐		8. Form or Lease Name Wit's End	
3. Name of Operator DUGAN PRODUCTION CORP.		9. Well No. 3	
4. Address of Operator P O Box 208, Farmington, NM 87499		10. Field and Pool, or Wildcat Undesignated Gallup	
5. Location of Well UNIT LETTER K LOCATED 1500 FEET FROM THE South LINE		11. Field and Pool, or Wildcat Undesignated Gallup	
6. 1980 FEET FROM THE West LINE OF SEC. 2 TWP. 23N RGE. 10W NMPM		12. County San Juan	
19. Proposed Depth 5000'		19A. Formation Gallup	
20. Rotary or C.T. Rotary		21. Elevation (Show whether DF, RT, etc.) 6740' GL	
21A. Kind & Status Plug. Bond State Wide		21B. Drilling Contractor Four Corners Drilling	
22. Approx. Date Work will start June 15, 1985			

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	8-5/8"	32#	200'	150 cf	surface
7-7/8"	4-1/2"	10.5#	5000'	1680 cf	surface

Plan to drill a 12-1/4" hole and set 200' of 8-5/8" OD, 32#, K-55 surface casing; then plan to drill a 7-7/8" hole to total depth with gel-water-mud program to test the Gallup formation. Plan to run IES and CDL logs. If deemed productive, will run 4-1/2", 10.5#, J-55 casing, selectively perforate, frac, clean out after frac, and complete well.

B.O.P. will be used during drilling and completing well.

APPROVAL EXPIRES 10-29-85
UNLESS DRILLING IS COMPLETED.
SPUD NOTICE MUST BE SUBMITTED
WITHIN 10 DAYS.

ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL 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.

APPROVED BY <u>Sam E. Dugan</u> Geologist	Date <u>4-26-85</u>
(This space for State Use)	
SUPERVISOR DISTRICT # 3	
DATE <u>APR 29 1985</u>	

EDITIONS OF APPROVAL, IF ANY:

2/11/04 for NSL

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-102
Revised 10-1-78

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

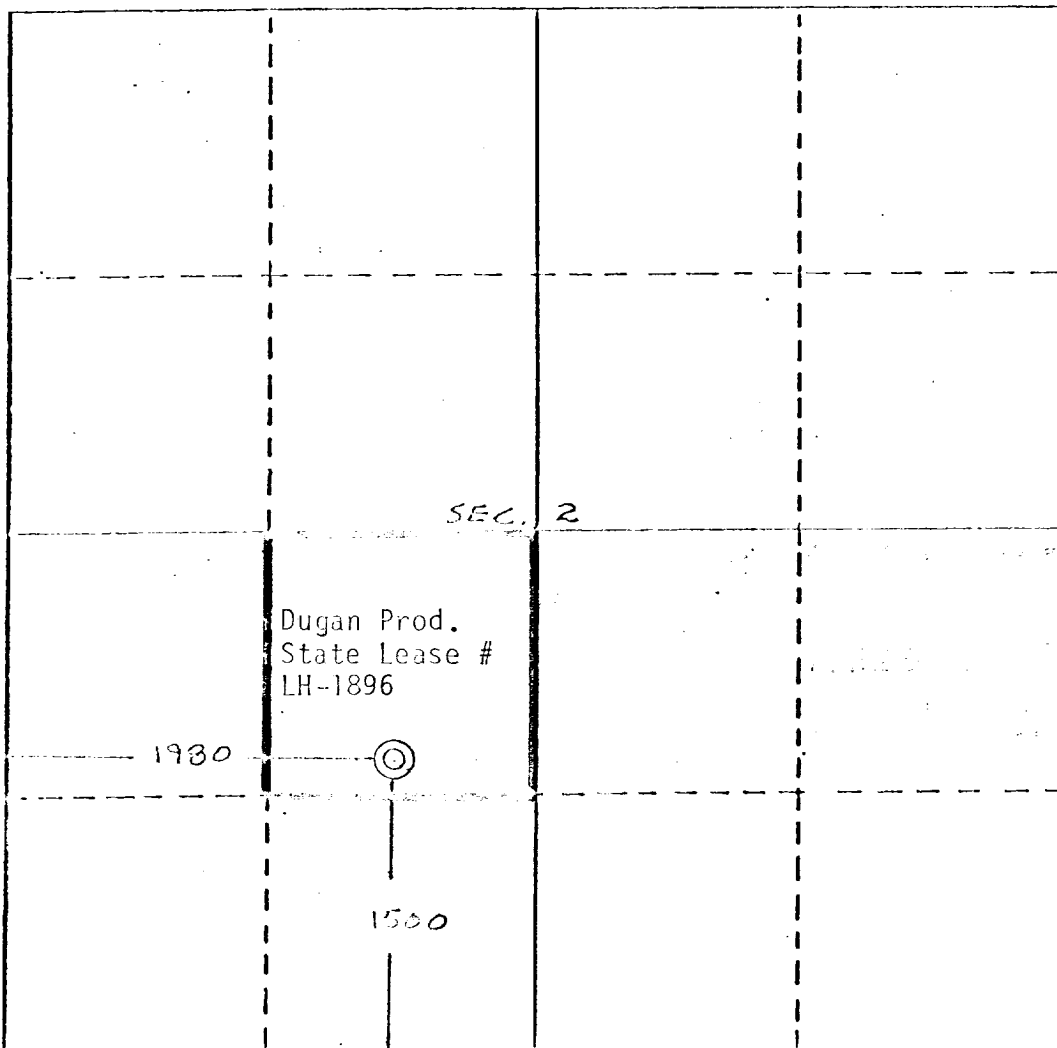
Operator Dugan Production Corporation		Lease Wit's End		Well No. 3	
Unit Letter K	Section 2	Township 23 North	Range 10 West	County San Juan	
Actual Footage Location of Well:					
1500 feet from the South line and		1980 feet from the West line			
Ground Level Elev. 6740	Producing Formation Gallup	Pool Undesignated Gallup	Dedicated Acreage: 40 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 Division.



CERTIFICATION

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

Name
Sherman E. Dugan

Position
Geologist

Company
Dugan Production Corp.

Date
4-26-85

I hereby certify that the well location shown on this plat was plotted from field notes or 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
April 19, 1985

Registered Professional Engineer and/or Land Surveyor

Signature
E. L. Risenhoover

Certificate No. 5979