

DUGAN PRODUCTION CORP. - La Lee Ann #5
Existing Roads ===== Exhibit E

Planned Access Road(s) ----- Exhibit E

Distance from nearest town or reference pt.
6 miles south of Farmington

Width 20' Maximum grades 0%
Drainage design NONE REQUIRED
Cuts & Fills NONE
Surfacing material on site
Turnouts NONE
Culverts NONE
Gates NONE
Cattleguards NONE
Fence cuts NONE

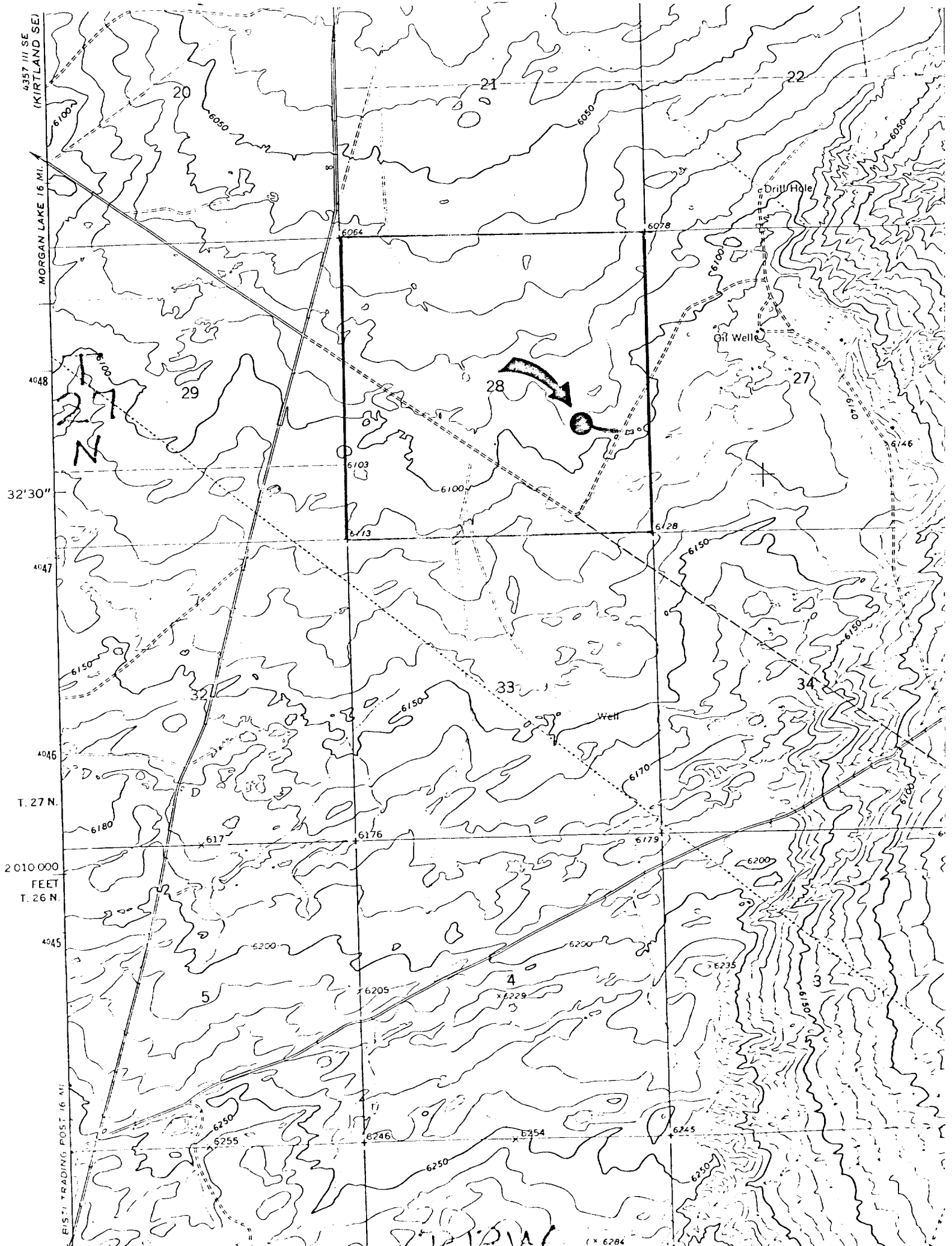
Type of surface Dirt

Conditions Good

Other _____

Access road(s) (do) do not cross Fed. Ind. land.

NAPI FARM



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>				5. LEASE DESIGNATION AND SERIAL NO. NM 37913	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Dugan Production Corp.				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. Box 208, Farmington, NM 87499				8. FARM OR LEASE NAME La Lee Ann	
4. LOCATION OF WELL (Report location clearly and in accordance with State requirements.) At surface 1080' FSL & 660' FEL At proposed prod. zone 1850' 590'				9. WELL NO. 5	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 6 miles Northwest of Chaco Plant				10. FIELD AND POOL, OR WILDCAT Gallegos Gallup Ext.	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660' FEL				11. SEC., T., R., M., OR B.L.K. AND SURVEY OR AREA I Sec. 28, T27N, R13W	
16. NO. OF ACRES IN LEASE 640				12. COUNTY OR PARISH San Juan	
17. NO. OF ACRES ASSIGNED TO THIS WELL E80				13. STATE NM	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. of DPC La Lee Ann 4 1100' NE 5325'				20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6093' GL 6092				22. APPROX. DATE WORK WILL START* ASAP	
23. DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS" PROPOSED CASING AND CEMENTING PROGRAM					
This action is subject to administrative appeal pursuant to 30 CFR 290.					
QUANTITY OF CEMENT					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH		
12 1/4"	8-5/8"	24#	200'	150 sk. circ. to surface	
7-7/8"	4 1/2"	10.5#	5300'	1741 cu.ft. in 2 stages	

Plan to drill a 12 1/4" hole and set 200' of 8-5/8" O.D. 24#, J-55 surface casing; then plan to drill a 7-7/8" hole to total depth with gel-water-mud program to test Gallup formation. Plan to run I.E.S. and C.D.L. logs. If deemed productive, will run 4 1/2", 10.5#, J-55, casing, selectively perforate, frac, clean out after frac, and complete well.

RECEIVED
APR 25 1985
OIL CON. DIV.
DIST. 2

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 <u>Sherman E. Dugan</u> TITLE <u>Geologist</u> DATE <u>3/13/85</u>	
(This space for Federal or State office use)	
PERMIT NO. <u>Sherman E. Dugan</u>	APPROVAL DATE
APPROVED BY	TITLE
CONDITIONS OF APPROVAL, IF ANY:	

APPROVED
AS AMENDEDAPR 24 1985
/s/ J. Stan McKeeFor M. MILLENBACH
AREA MANAGER

*See Instructions On Reverse Side

NMOCC

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.

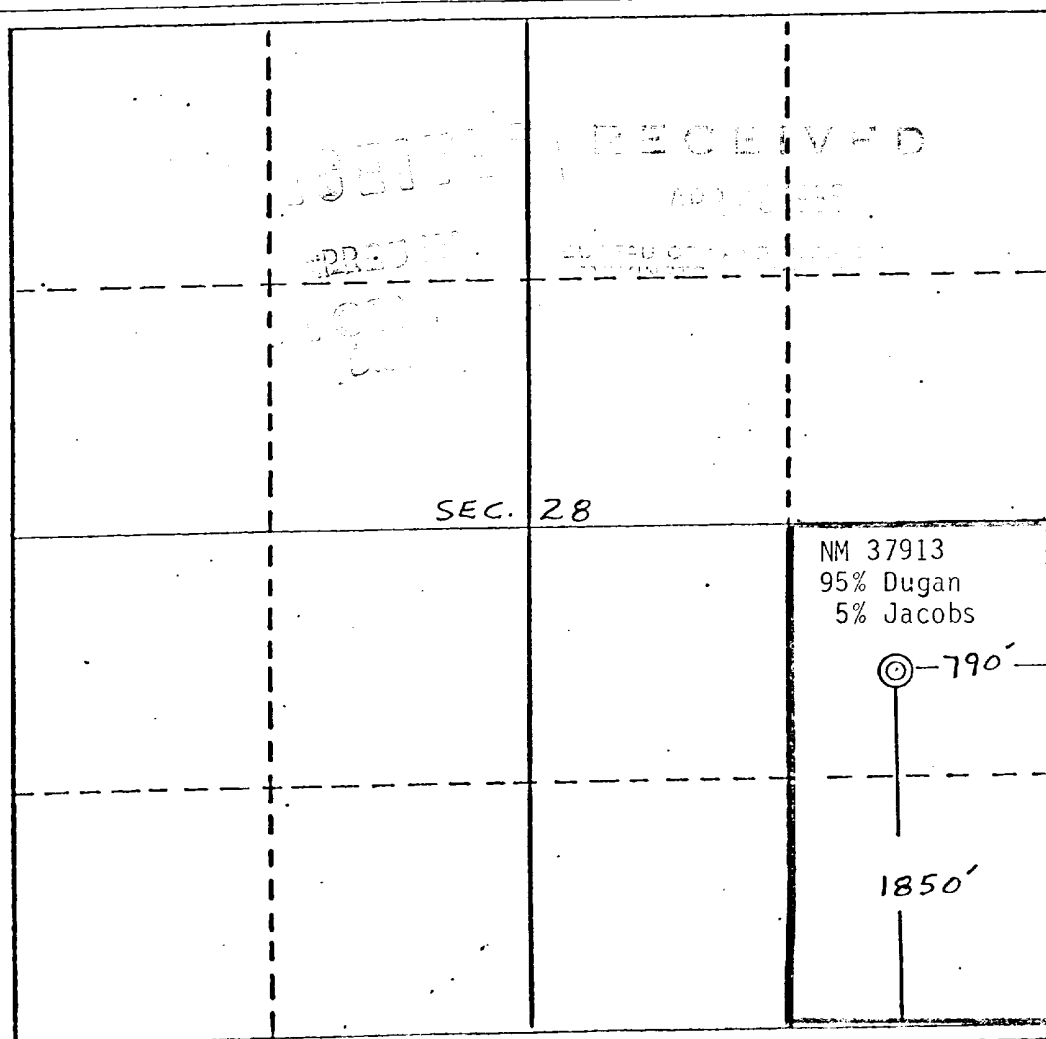
Operator Dugan Production Corporation		Lease La Lee Ann		Well No. 5
Unit Letter I	Section 28	Township 27 North	Range 13 West	County San Juan
Actual Footage Location of Well: 1870 feet from the South line and 790 feet from the East line				
Ground Level Elev. 6092	Producing Formation Gallup	Pool Gallegos Gallup Ext.	Dedicated Acreage: 80 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

Jim L. Jacobs

Position

Geologist

Company

Dugan Production Corp.

Date

4-8-85

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

Date Surveyed

March 27, 1985

Registered Professional Engineer
and/or Land Surveyor

Edgar L. Risenhoover

Certificate No. 5979

Edgar L. Risenhoover, L.S.