

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-33044	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <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 Baby Doe	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1980' FSL & 660' FEL At proposed prod. zone 1850' 570'				9. WELL NO. #3	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 16 miles South of Farmington				10. FIELD AND POOL, OR WILDCAT Gallegos Gallup Ext.	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. 660' FEL (Also to nearest drlg. unit line, if any)		16. NO. OF ACRES IN LEASE 320		17. NO. OF ACRES ASSIGNED TO THIS WELL E 80	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1000' from Baby Doe #2		19. PROPOSED DEPTH 5300'		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6100' 6104'		22. APPROX. DATE WORK WILL START* ASAP		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 29, T27N, R13W	
23. PROPOSED CASING AND CEMENTING PROGRAM DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"				12. COUNTY OR PARISH San Juan	
24. 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.				13. STATE NM	
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT	
12 1/4"	8-5/8"	24#	200'	150 cu.ft. circ. to surf.	
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.

GAS NOT DEDICATED.

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24. SIGNED Sherman E. Dugan Sherman E. Dugan TITLE Geologist DATE 3/12/85

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:APPROVED
DATE
AS AMENDED

APR 24 1985

/s/ J. Stan McKee
FOR 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 Baby Doe		Well No. 3
Unit Letter I	Section 29	Township 27 North	Range 15 West	County San Juan	
Actual Footage Location of Well: 1820 feet from the South line and 790 feet from the East line					
Ground Level Elev. 6104	Producing Formation Gallup		Pool Gallegos Gallup Extension		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.

RECEIVED APR 25 1985 OIL CONSERVATION DIV. DIST. 2		SEC. 29	
		NM 33044 50% Dugan 50% McHugh	
		790	
		1850	

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 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

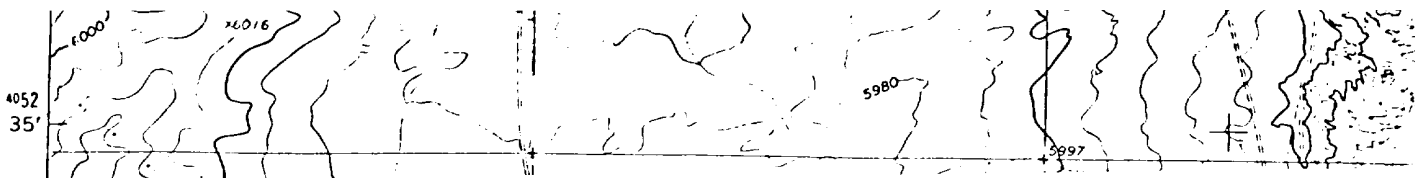
March 27, 1985

Registered Professional Engineer
and/or Land Surveyor

Edgar L. Risenhoover

Certificate No. 5979

Edgar L. Risenhoover, L.S.



DUGAN PRODUCTION CORP. - Baby Doe #3
Existing Roads ----- Exhibit E

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

Type of surface Dirt

Conditions Good

Other -----

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

Width 20' Maximum grades 0%

Drainage design None

Cuts & Fills None

Surfacing material on site

Turnouts N

Culverts N

Gates N

Cattleguards N

Fence cuts N

Access road(s) do do not cross Fed/Ind Land
NAPI FARM

