

UNITED STATES 1 Dugan
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

30-145-96528

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK
 b. TYPE OF WELL
 OIL WELL GAS WELL OTHER
 SINGLE ZONE MULTIPLE ZONE
 2. NAME OF OPERATOR
 JEROME P. McHUGH
 3. ADDRESS OF OPERATOR
 P O Box 809, Farmington, NM 87499
 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface
 540' FSL - 530' FEL
 At proposed prod. zone

5. LEASE DESIGNATION AND SERIAL NO.
 NM 42422
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 7. UNIT AGREEMENT NAME
 8. FARM OR LEASE NAME
 Anabel A
 9. WELL NO.
 1
 10. FIELD AND POOL, OR WILDCAT
 Duffers P. Gallup Dakota
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 28, T25N, R8W, NMPM
 12. COUNTY OR PARISH
 San Juan
 13. STATE
 NM

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 8 mi. NE of Nageezi, NM
 15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 530'
 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.
 Anabel #1
 1100' to S.
 19. PROPOSED DEPTH
 7230'
 20. ROTARY OR CABLE TOOLS
 Rotary
 21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 7330' GL; 7344 KB
 22. APPROX. DATE WORK WILL START*
 ASAP

23. DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS" AND CEMENTING PROGRAM
 This action is subject to technical and procedural review pursuant to 43 CFR 3165.4 and appeal pursuant to 43 CFR 3165.4.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	
12-1/4"	9-5/8"	36#	250'	145 cf (circ. to surface)
7-7/8"	4-1/2"	10.5 & 11.5#	7230'	2080 cf in 3 stages

Plan to drill with spud mud to 250' to set surface casing; then plan to drill with mud-gel-water mixture to test the Dakota formation at ±7230'. Will run DIL and FDC-CNL logs; if well appears productive, will run 4½" casing, selectively perforate, frac and complete well.

GAS IS DEDICATED.

RECEIVED
 SEP 03 1985
 OIL CON. DIV.
 DIST. 3

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 James S. Hazen TITLE Field Supt. DATE 8-2-85
 (This space for Federal or State office use)

APPROVED
 AS AMENDED

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY _____ TITLE _____ DATE 7/6/1 Stan McKee
 CONDITIONS OF APPROVAL, IF ANY:

AUG 29 1985
 M. MILLENBACH
 AREA MANAGER

NMOCC

*See Instructions On Reverse Side

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-102
Revised 10-1-78

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

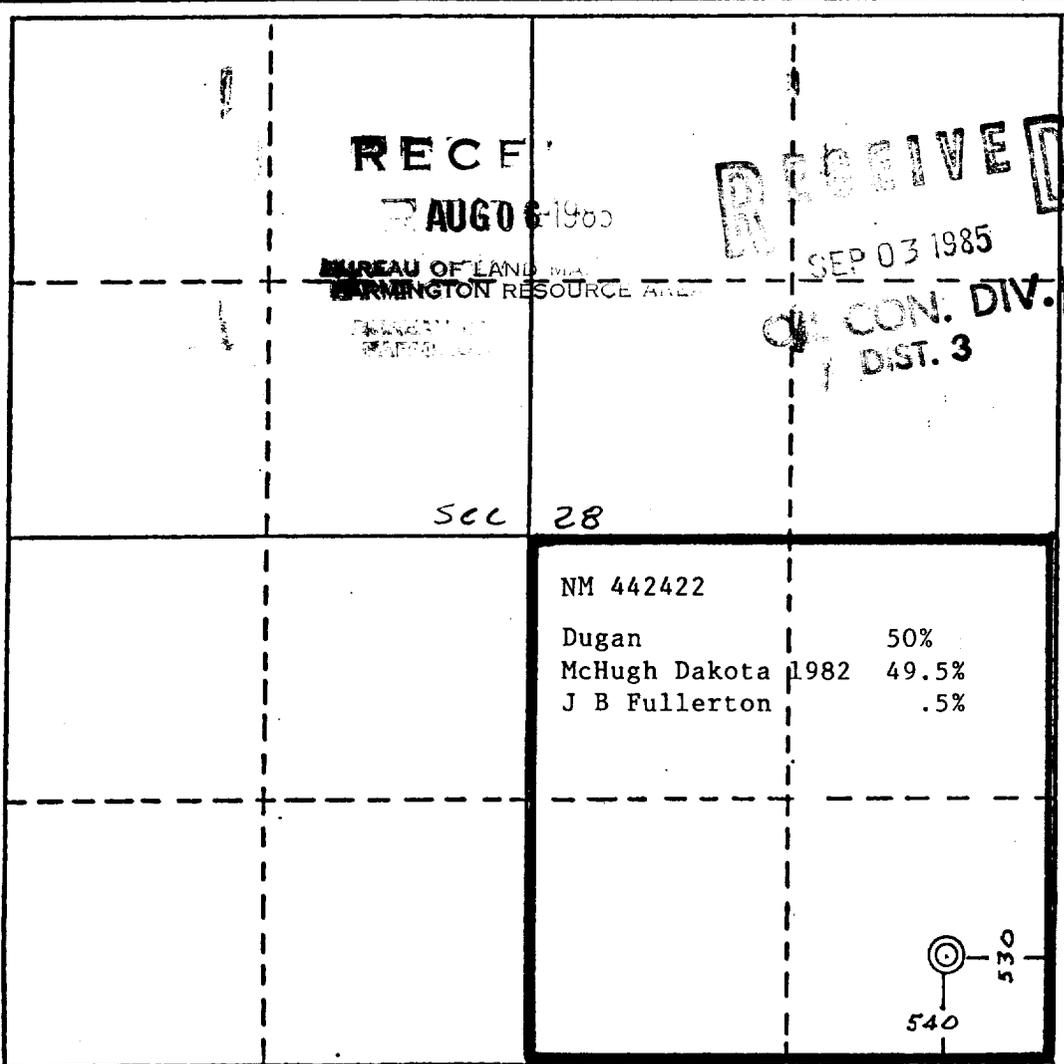
Operator Jerome P. McHugh		Lease Anabel A			Well No. 1
Unit Letter P	Section 28	Township 25 North	Range 8 West	County San Juan	
Actual Footage Location of Well: 540 feet from the South line and 530 feet from the East line					
Ground Level Elev. 7330	Producing Formation Dakota		Pool Duffers Point Gallup Dakota	Dedicated Acreage: 160 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? NA

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.

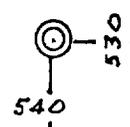


RECEIVED
AUG 6 1985
BUREAU OF LAND MANAGEMENT
SARASOTA RESOURCE AREA

RECEIVED
SEP 03 1985
OIL CON. DIV.
DIST. 3

SEC 28

NM 442422
Dugan 50%
McHugh Dakota 1982 49.5%
J B Fullerton .5%



CERTIFICATION

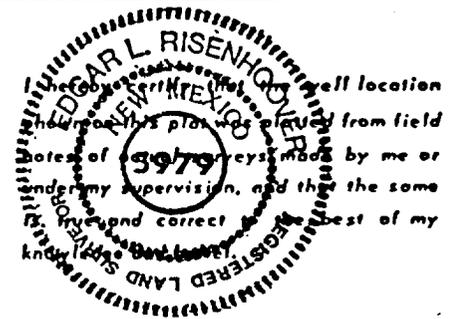
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

James S. Hazen
Name

James S. Hazen
Position
Field Supt.

Company
JEROME P. McHUGH

Date
8-2-85



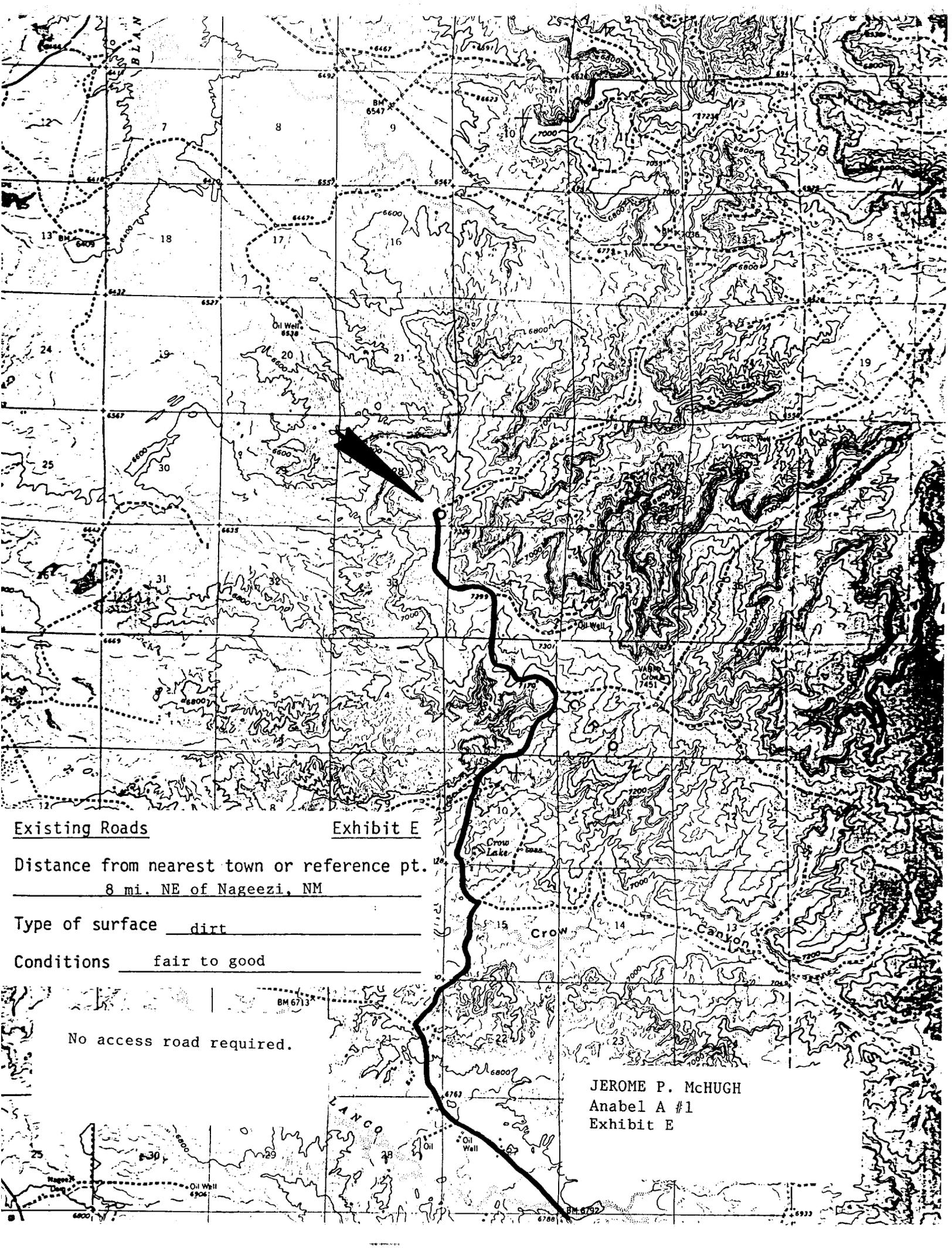
Date Surveyed
June 13, 1985

Registered Professional Engineer
and/or Land Surveyor

Edgar L. Risenhoover
Certificate No. 5979

Edgar L. Risenhoover, L.S.





Existing Roads

Exhibit E

Distance from nearest town or reference pt.

8 mi. NE of Nageezi, NM

Type of surface dirt

Conditions fair to good

No access road required.

JEROME P. McHUGH
Anabel A #1
Exhibit E