

WELL NAME & NUMBER Anasazi "9" Fed. #1

LOCATION Sec. 9, T<sup>20</sup>~~10~~S, R33E Lea Co., NM 1980/N+E  
(Give Unit, Section, Township and Range)

OPERATOR Mitchell Energy Corp. 400 W. Illinois, Ste. 1000 Midland, TX 79702

DRILLING CONTRACTOR Grace Drilling Company P.O. Box 13480 Odessa, TX 79768

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

<u>DEGREES @ DEPTH</u>	<u>DEGREES @ DEPTH</u>	<u>DEGREES @ DEPTH</u>	<u>DEGREES @ DEPTH</u>
.25 145	3.50 4544	1.75 9473	
.75 357	4.25 4640	1.25 9620	
.75 520	3.75 4735	.50 10,100	
.75 855	3.00 4835	.50 10,500	
.75 1217	3.25 4954	.75 10,626	
.75 1344	2.75 5051	1.00 11,187	
1.00 1951	2.50 5272	.75 11,457	
1.75 2400	.50 5549	1.50 12,002	
2.00 2655	.75 6049	.75 12,500	
2.00 2950	.50 6571	1.00 13,096	
2.00 3225	.75 7075	.50 13,780	
2.75 3498	.75 7575		
2.00 3752	.75 8204		
3.25 4132	.75 8697		
4.00 4449	2.00 9200		

Drilling Contractor Grace Drilling Company

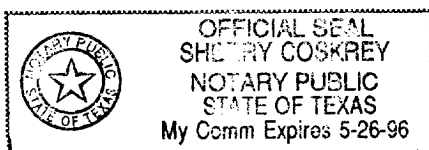
By [Signature]

Subscribed and sworn to before me this 10 day of July, 1992

[Signature]  
Notary Public

My Commission Expires 5/26/96

Ector County Jx



**RECEIVED**  
**SEP 18 1992**  
**OCD HOBBS OFFICE**



**LTR**



**Job separation sheet**

30-025-31538

Form 3160-3  
(November 1983)  
(formerly 9-331C)

P. O. BOX 1001  
HOBBS, NEW MEXICO, 88240

SUBMIT IN TRIPLICATE\*  
(Other instructions on  
reverse side)

Form approved.  
Budget Bureau No. 1004-0136  
Expires August 31, 1985

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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  
Mitchell Energy Corporation

3. ADDRESS OF OPERATOR  
P. O. Box 4000, The Woodlands, Texas 77387-4000

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
 At surface 1980' FNL and 1980' FEL (SW/NE) **G**  
 At proposed prod. zone 1980' FNL and 1980' FEL (SW/NE)

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
32 miles SW of Hobbs, NM

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest Grig. unit line, if any) 660

16. NO. OF ACRES IN LEASE 1,161.34

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. **(N/A) 467'**

19. PROPOSED DEPTH 14,000

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3546 GR Secretary's Potash R-111-P Potash

5. LEASE DESIGNATION AND SERIAL NO.  
NM 57280

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N/A

7. UNIT AGREEMENT NAME  
N/A

8. FARM OR LEASE NAME  
Anasazi "9" Federal

9. WELL NO.  
1

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 9, T20S, R33E

12. COUNTY OR PARISH  
Lea

13. STATE  
NM

23. PROPOSED CASING AND CEMENTING PROGRAM Capitan Controlled Water Basin

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26"	20"	94#	500'	1150 Sks Premium to Surface
17 1/2"	13 3/8"	68#	2950'	1500 Sks Light+250 Sks Prem.-Surface
12 1/4"	8 5/8"	32#	5300'	1000 Sks Light+250 Sks Prem.-TOC 2500'
7 7/8"	5 1/2"	17# & 20#	TD	600 Sks Light+500 Sks 50/50 POZ-TOC 9000'

The operator proposes to drill to a depth sufficient to test the Morrow formation for gas. If productive, 5-1/2" casing will be cemented at TD. If non-productive, the well will be plugged and abandoned in a manner consistent with federal regulations. Specific programs as per Onshore Oil & Gas Order #1 are outlined in the following attachments:

Drilling Program

- Surface Use & Operating Plan
- Exhibit #1 & 1A - Blowout Preventer Equip.
- Exhibit #2 - Location & Elevation Plat
- Exhibit #3 - Planned Access Roads
- Exhibit #4 - One-mile Radius Map

- Exhibit #5 - Production Facilities Layout
- Exhibit #6 - Drilling Rig Layout
- Exhibit #7 - Cultural Resources Examination

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.

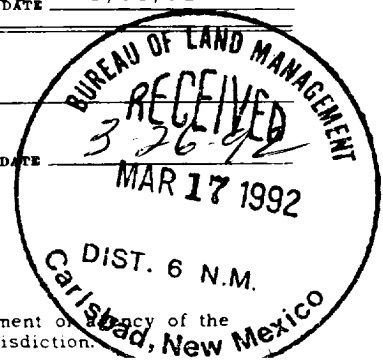
24. SIGNED George Mullen George Mullen TITLE Regulatory Affairs Specialist DATE 3/10/92

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
 APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:  
 APPROVAL SUBJECT TO  
 GENERAL REQUIREMENTS AND  
 SPECIAL STIPULATIONS  
 ATTACHED

\*See Instructions On Reverse Side



INSTRUCTIONS

GENERAL: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

ITEM 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

ITEM 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

ITEM 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

ITEMS 15 AND 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

ITEM 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

NOTICE

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 25 U.S.C. 396; 43 CFR Part 3160.

PRINCIPAL PURPOSE: The information is to be used to process and evaluate your application for permit to drill, deepen, or plug back an oil or gas well.

ROUTINE USES: (1) The analysis of the applicant's proposal to discover and extract the Federal or Indian resources encountered. (2) The review of procedures and equipment and the projected impact on the land involved. (3) The evaluation of the effects of proposed operation on surface and subsurface water and other environmental impacts. (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions, as well as routine regulatory responsibility.

EFFECT OF NOT PROVIDING INFORMATION: Filing of this application and disclosure of the information is mandatory only if the lessee elects to initiate drilling operations on an oil and gas lease.

The Paperwork Reduction Act of 1980 (44 U.S.C. 3501 et seq) requires us to inform you that:

This information is being collected to allow evaluation of the technical, safety, and environmental factors involved with drilling for oil and/or gas on Federal and Indian oil and gas leases.

This information will be used to analyze and approve applications.

Response to this request is mandatory only if the lessee elects to initiate drilling operations on an oil and gas lease.