

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

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

30-001-20020

Form C-101  
Revised 10-1-78

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LAND OFFICE	
OPERATOR	

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DEC 20 1982

O.C.D.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

ARTESIA OFFICE

5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No. LG 7552
7. Unit Agreement Name
8. Farm or Lease Name Katisha State
9. Well No. 1
10. Field and Pool, or Wildcat Wildcat
12. County Lincoln

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>	
2. Name of Operator SANDERS PETROLEUM CORPORATION	
3. Address of Operator 11000-D Spain Rd., N.E., Albuquerque, New Mexico 87111	
4. Location of Well UNIT LETTER <u>A</u> LOCATED <u>990'</u> FEET FROM THE <u>North</u> LINE AND <u>990'</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>32</u> TWP. <u>10S</u> RGE. <u>20E</u> NMPM	
19. Proposed Depth 3300'	
19A. Formation Abo	
20. Rotary or C.T. Rotary	
21. Elevations (Show whether DF, RI, etc.) 4633' GL	21A. Kind & Status Plug. Bond Statewide
21B. Drilling Contractor Unknown	
22. Approx. Date Work will start As soon as possible	

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
18"	16"	65.0# H-40	40'	20 Cu. Ft.	Grouted
9-7/8"	7"	20.0# H-40	750'±	200 sx	Circulate
6-1/4"	4-1/2"	10.5# K-55	TD	220 sx	600' above top of Abo

Propose to drill to about 3300' to test Abo and intermediate formations for oil and gas production. Will drill with rotary tools using mud as the circulating medium. Will use fresh water mud to the base of the Glorieta formation. Salt base mud will be used for the lower portion of the hole.

Will set 7" casing to 750'± in the base of the Glorieta to protect fresh surface water. Cement will be circulated to the surface. 4-1/2" casing will be set to about 3300' and cemented to a point approximately 600' above the top of the Abo to isolate oil, gas or water zones. Complete well by perforating and treating any commercially favorable zones.

APPROVAL VALID FOR 60 DAYS  
PERMIT EXPIRES 6-22-83  
UNLESS DRILLING UNDERWAY

Series 900 Double-ram BOP will be installed after setting the 7" casing.

Gas is not dedicated.

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. 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.

Signed Gerry W. Long Title Agent Date December 17, 1982  
(This space for State Use)

APPROVED BY Mark Walker TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

Must be in full compliance with all laws concerning the 7 casing

Posted 12-21-82  
40-10-11-82  
12-31-82

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

Operator Sanders Petroleum Corp.		Lease Katisha State		Well No. 1
Unit Letter A	Section 32	Township 10S	Range 20E	County Lincoln
Actual Footage Location of Well: 990 feet from the North line and 990 feet from the East line				
Ground Level Elev. 4633	Producing Formation Abo	Pool Wildcat	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 (as to working interest and royalty). SINGLE LEASE
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?

DEC 20 1982

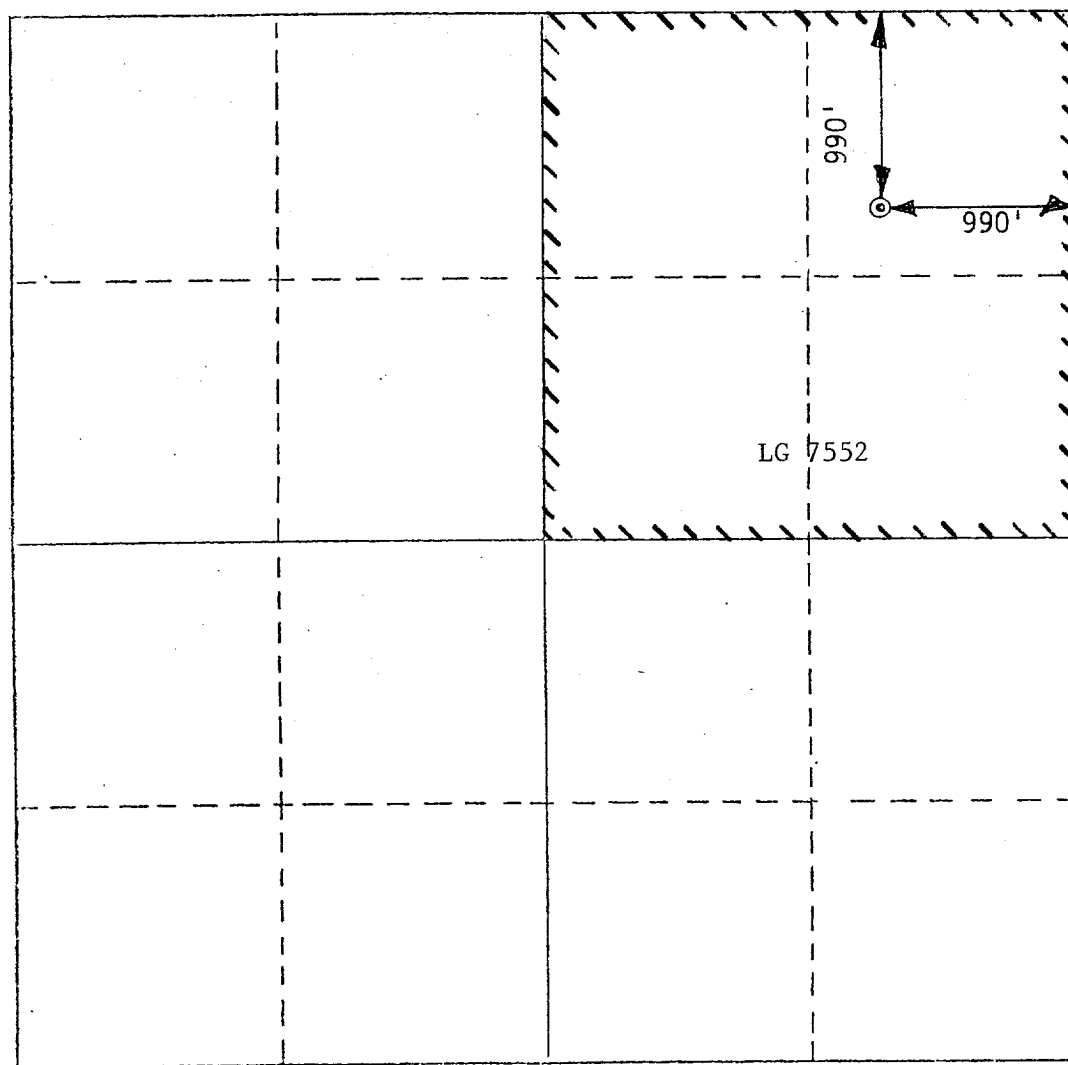
O. C. D.

ARTESIA, OFFICE

☐ 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  
JERRY W. LONGPosition  
AgentCompany  
SANDERS PETROLEUM CORPORATIONDate  
December 18, 1982

I hereby certify that the well 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.

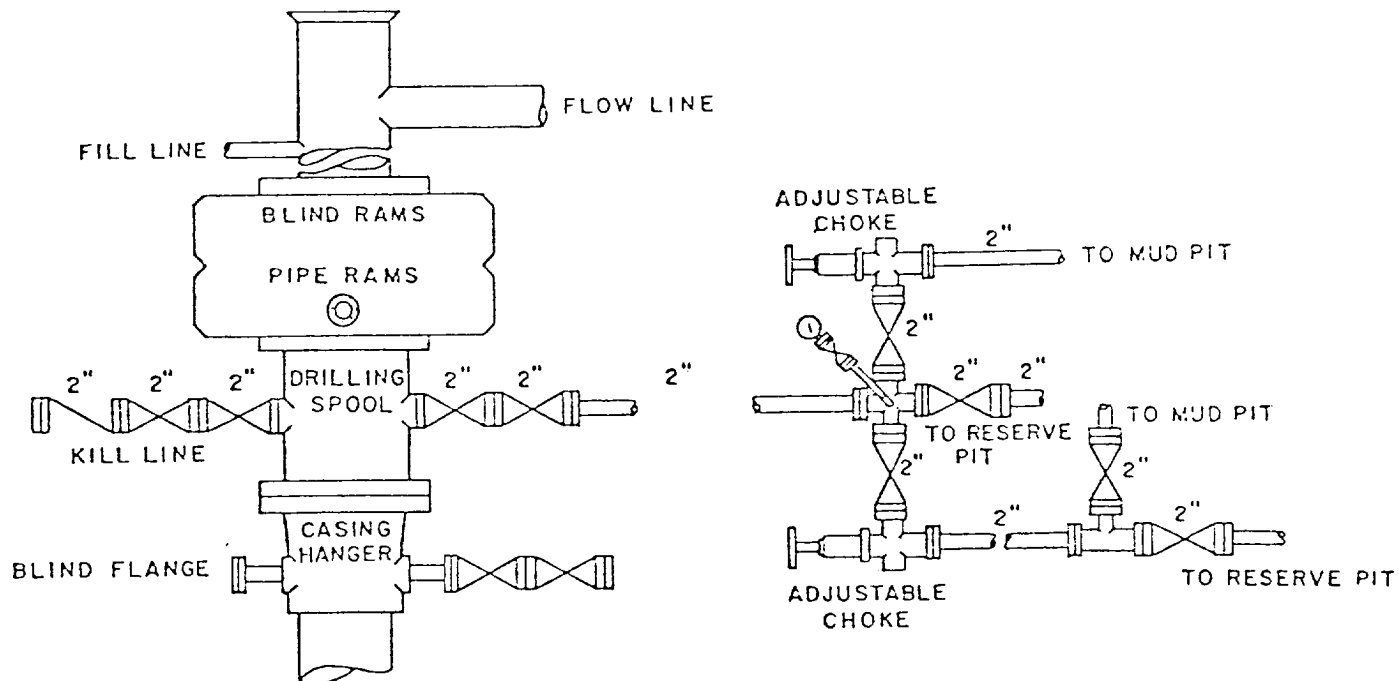
December 16, 1982

Date Surveyed  
Thomas T. Mann, PE & LS  
Registered Professional Engineer  
and Land Surveyor

277 NM

Certificate No.

SANDERS PETROLEUM CORPORATION  
No.1 Katisha State  
NE $\frac{1}{4}$ NE $\frac{1}{4}$  Sec.32-10S-20E  
Lincoln County, N.M.

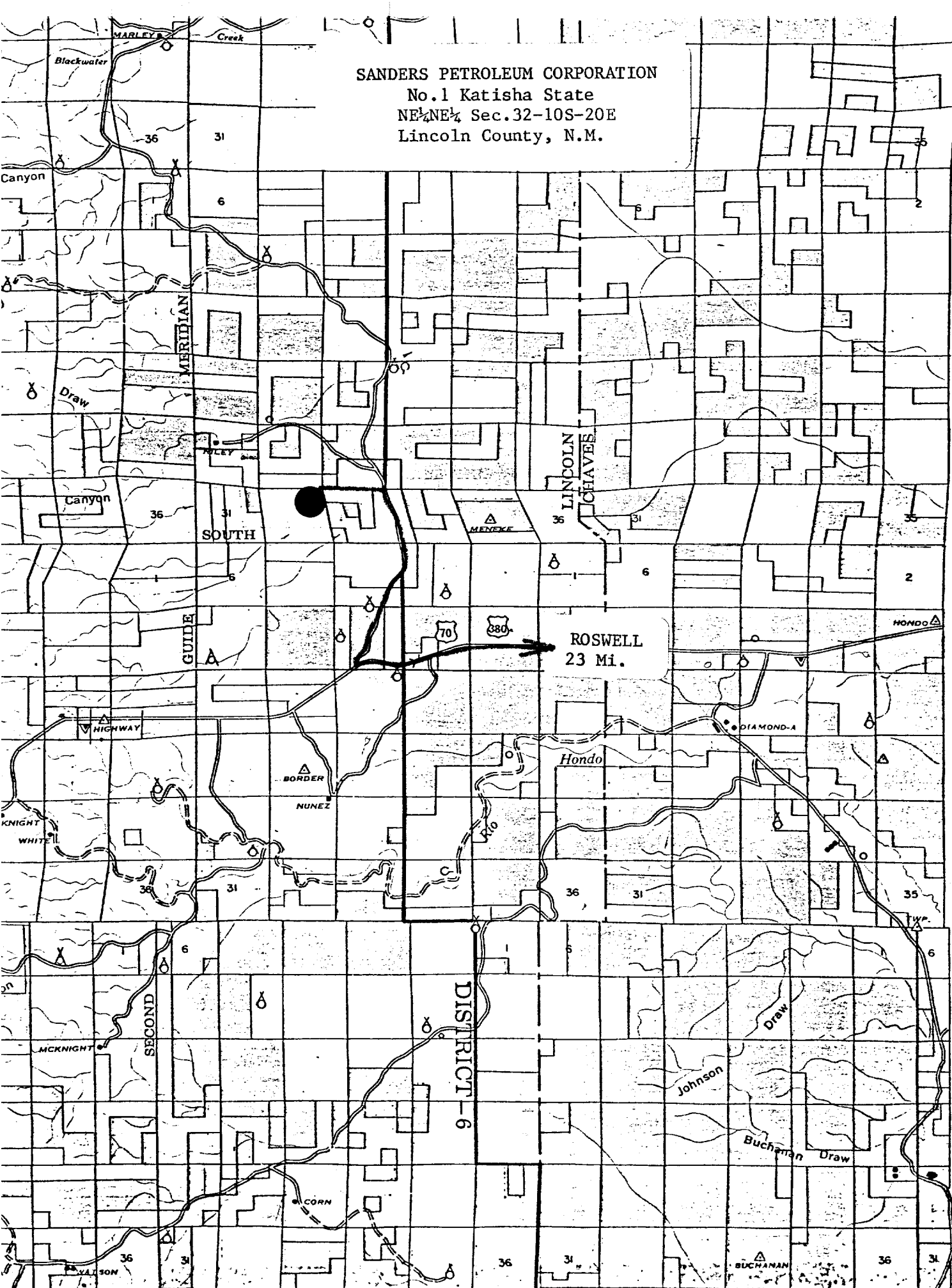


SERIES 900 BOP STACK

3000# W.P.  
BOP Will Be Tested Daily

No.1 Katisha State  
NE $\frac{1}{4}$ NE $\frac{1}{4}$  Sec.32-10S-20E  
Lincoln County, N.M.

No.1 Katisha State  
NE $\frac{1}{4}$ NE $\frac{1}{4}$  Sec.32-10S-20E  
Lincoln County, N.M.



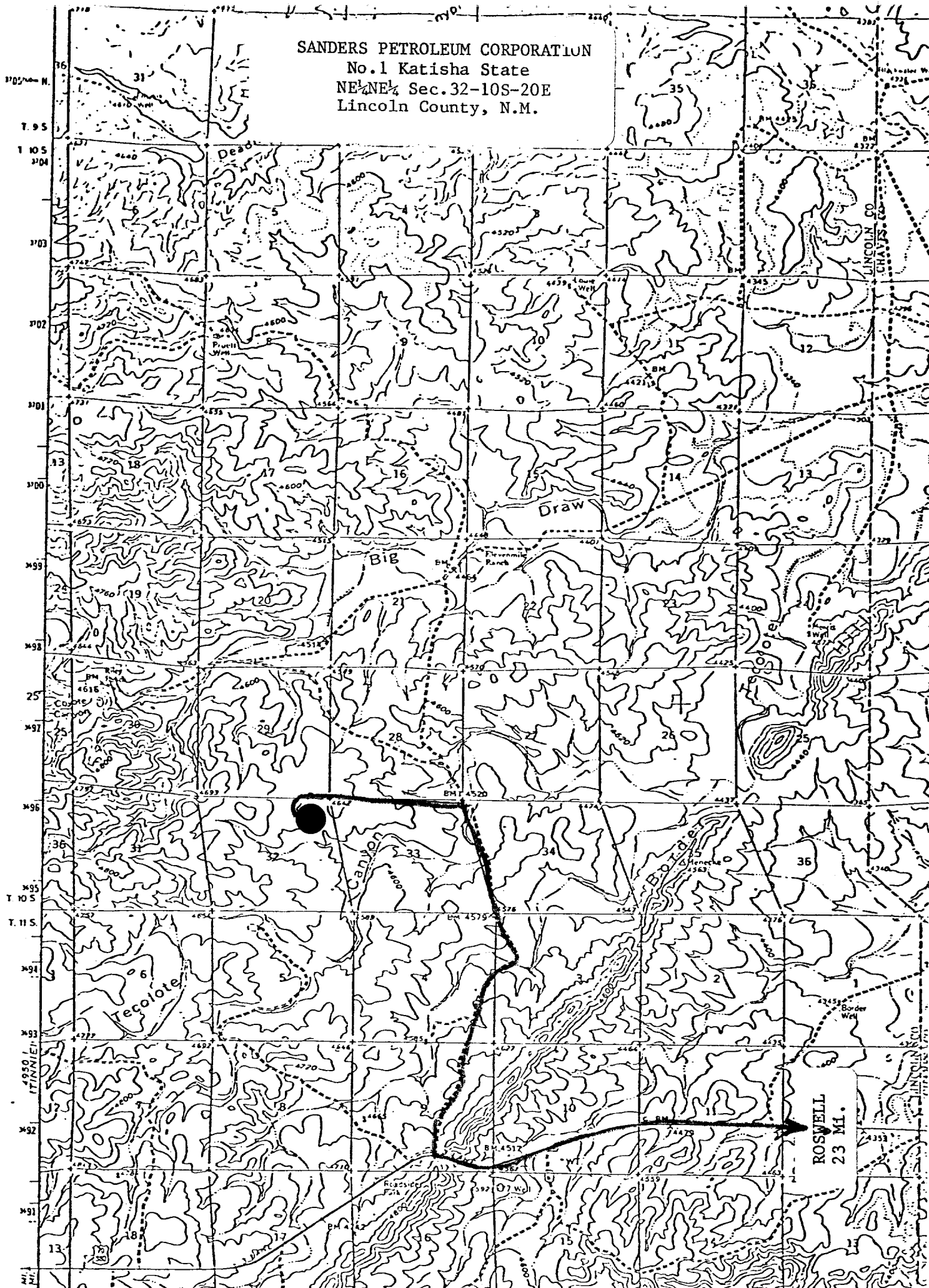
**SECRET**

T. 11

T. 12

### Revise

SANDERS PETROLEUM CORPORATION  
No.1 Katisha State  
NE 1/4 Sec. 32-10S-20E  
Lincoln County, N.M.



ROSWELL  
23 MI.