

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Morris R. Antweil

3. ADDRESS OF OPERATOR

Box 2010, Hobbs, New Mexico 88201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface

1980' FNL and 1980' FEL

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

south and west of Artesia, N.M. (intersection of highways 285 & 82) Approx. 14.6 miles

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

1980'

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

9000'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3580.81 GR

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	48# H40 (new)	300'	325 sacks-circulate
12 1/4" & 11"	8 5/8"	24# & 32# J55 (used)	1200'*	500 sacks-circulate
7 7/8"	5 1/2"	17# J55 (used)	9000'	450 sacks-6700'*

* To be set 100' below last water sand.

** Cementing program will be designed to cover any interval having oil or gas show.

BOP Program: One 12" X 900 series double ram BOP.
One 12" X 900 series Hydrill.

Mud Program: Surface hole-Spud mud, aquagel, and lime. Use Hyseal for seepage and loss.
Gas not detected Intermediate hole-Drill with fresh water. Use Ben-ex and Condent. Use Hyseal for seepage. If needed, maintain circulation with cotton seed hulls and Kwix-seal.
From 1200' to 5400'-Drill with fresh water using Ben-ex and Condent. Also Hyseal for seepage. Maintain Ph of 9.0 (con't on back of page)

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

TITLE

Vice-President, Oil & Gas Administrative Services,
Co., Agent for Morris R. Antweil

DATE

5/18/77

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

MAY 31 1977

APPROVED BY

TITLE ACTING DISTRICT ENGINEER

DATE

MAY 31 1977

CONDITIONS OF APPROVAL, IF ANY:

NOTIFY USGS IN SUFFICIENT TIME TO
WITNESS CEMENTING THE 8 7/8" CASING.

*See Instructions On Reverse Side

DECLARED WATER BASIN

CEMENT BEHIND THE + 8 7/8"
CASING MUST BE CIRCULATEDTHIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
EXPIRES AUG 31 1977

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 plat, 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.

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8 39-171

From 5400' to 8400'-Add brine as needed to bring weight to 8.9
Use Hyseal for seepage. Add 3/4% KCL for corrosion.
From 8400' to TD-Maintain 3/4% KCL with brine. Adjust weight
to 9.0-9.2. Mud up with Dextrid-Drispac to lower fluid loss
to below 5 cc's before drilling any Morrow sands.

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

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

Operator MORRIS R. ANTWEIL		Lease RIO		Well No. 1
Section G	Section 29	Township 18 South	Range 25 East	County Eddy
Acreage Dedication of Well:				
1980	feet from the North	line and	1980	feet from the East
Ground Level Elev. 3580.81	Producing Formation MORROW	Pool UNDESIGNATED	Dedicated Acreage: 3.20	

- 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?

RECEIVED

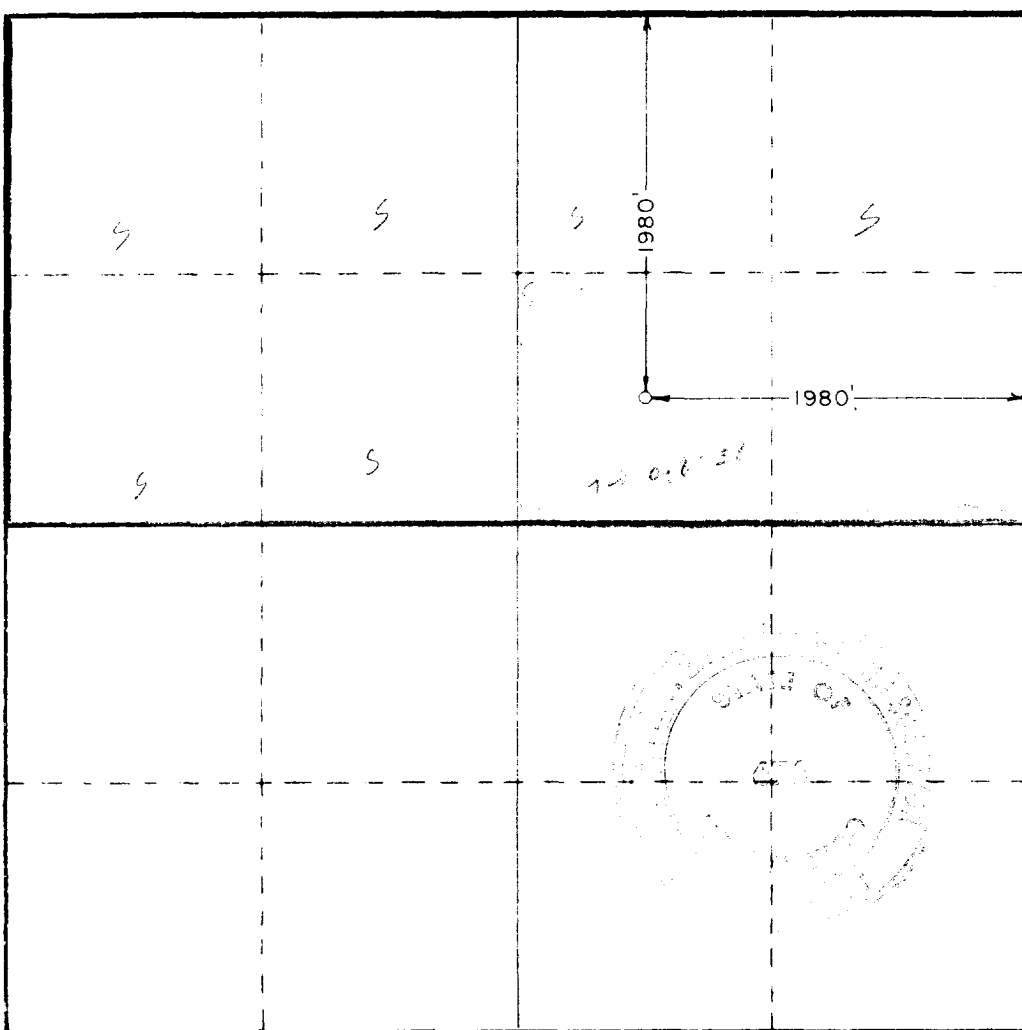
MAY 18 1977

☐ Yes ☐ No If answer is "yes," type of consolidation _____

**U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO**

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 Commission.



CERTIFICATION

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

Edward N. Fick
Vice President, Oil & Gas
Administrative Services Co.
Agent for
Morris R. Antweil

Company _____

Date **5/18/77**

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.

Date Surveyed _____

May 7, 1977

Registered Professional Engineer
and Oil and Gas Surveyor

James W. Woot
Certificate No. _____

676

330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940