

N. M. O. C. G. COPY

SUBMIT IN TRIPLICATE*

(Other instructions on
reverse side)Form approved.
Budget Bureau No. 42-B1425.

30-015-20833

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

Michael P. Grace ✓

3. ADDRESS OF OPERATOR

P. O. Box 1113, Carlsbad, New Mexico

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

Section 10, T26S, R21E, N.M.P.M. Eddy County, New Mexico
660' South Line and 660' East Line
At proposed prod. zone

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

Eleven miles Southwest of White City, New Mexico

13. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drilg. unit line, if any)

660 feet

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

None

16. NO. OF ACRES IN LEASE

759.99

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

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

3757.6 Gr.

22. APPROX. DATE WORK WILL START*

March 29, 1973

23

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11	9 5/8	36#	300	circulate to surface
8	4 1/2	9 1/2#	1500	150

Propose to drill to 1,500 feet to test the Delaware sand; pay zone in the Black River Corp. #3 and #4 Cities 3 Federal, approximately 2 miles to the Northwest. Blowout preventer will be used below surface casing

24. If the work described in the proposed program 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.

25.

SIGNED

TITLE Agent

DATE March 22, 1973

(This space for Bureau or State office use)

APPROVAL DATE

TITLE

APPROVED
MAR 28 1973H. L. BECKMAN
ACTING DISTRICT ENGINEERTHIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
JUN 28 1973

*See Instructions On Reverse Side

DECLARED WATER BASIN
DATE 9/8CEMENT BEHIND THE
CASING MUST BE CIRCULATED

Supplies 0-128
100-100-65

676

Michael P. Grace II
Corinne Grace
P. O. BOX 1418
CARLSBAD, NEW MEXICO 88220

March 22, 1973

DEVELOPMENT PLAN FOR GRACE OIL WELL,
SECTION 10, T26S, R24E, N.M.P.M.
EDDY COUNTY, NEW MEXICO

1. Existing roads in the area consist of a maintained dirt road which leads off of Highway 62 approximately 6 3/4 miles South of White City, New Mexico and then 4 miles West and South-West to a point approximately 200 yards West of the proposed location.
2. The only necessary access road will be 200 yards of grading with a steep rise of approximately 15 feet and then gently sloping ground.
3. The well location survey plat is enclosed and was prepared by John West, West Engineering, Hobbs, New Mexico, a Registered Professional Engineer and/or Land Surveyor.
4. NA
5. Tank batteries and flow lines will be placed at the well location if necessary.
6. Water for drilling will be obtained from H. V. Ballard's well located in Section 34, T25S, R24E. The well is producing at a rate of approximately 1200 gallons per minute from a depth of 92 feet.
7. Sacks and other combustibles will be disposed of in the burn pit. Other trash and waste will be buried in the mud pits upon well completion.
8. No camp is planned.
9. An unimproved airstrip is located in Section 26, T25S, R24E which is four miles north of the location but there are no plans to make use of this airstrip.
10. The accompanying layout plan shows rig location, mud pit, burn pit. Mud tanks will not be used.
11. Pits will all be filled, ground will be leveled and re-seeded according to U. S. G. S. specifications.
12. Access road will be leveled and re-seeded.

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MAR 23 1973
U. S. G. S.

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13. There will be no mud program used since we will be drilling with cable tools.

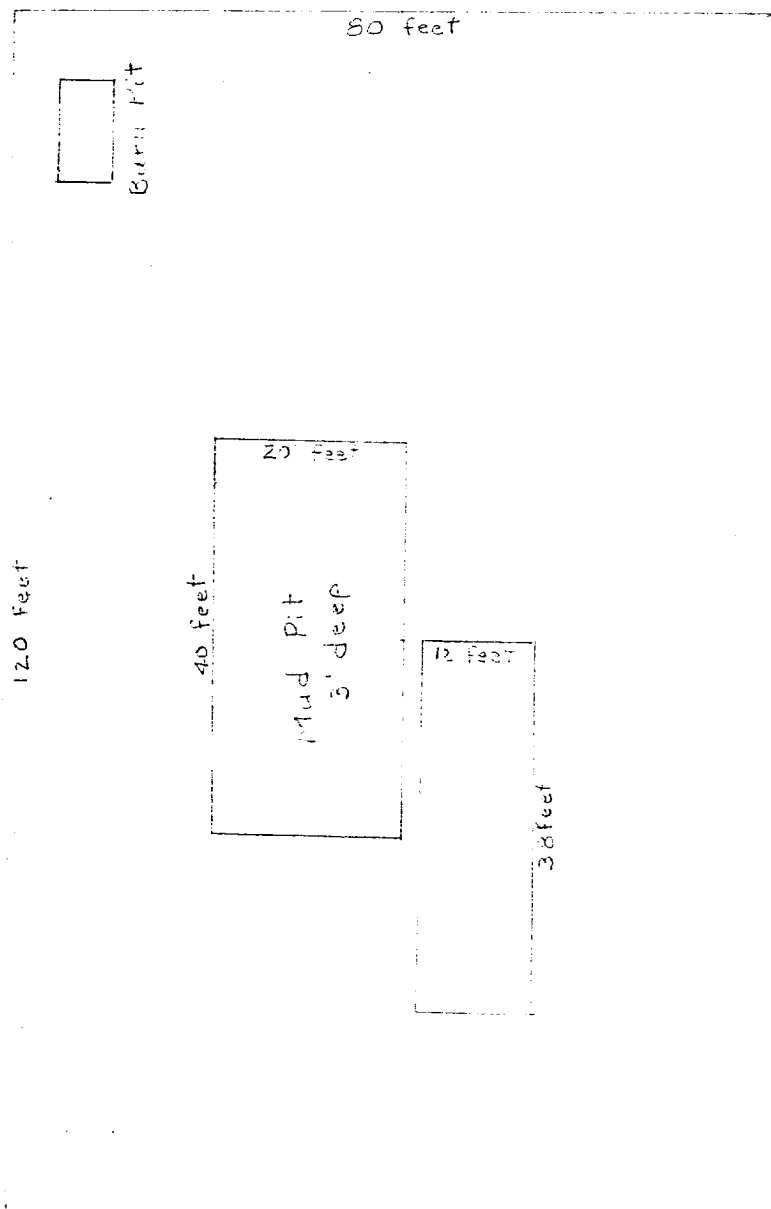
14. Control head will be used to control well at all times.

MICHAEL P. GRACE

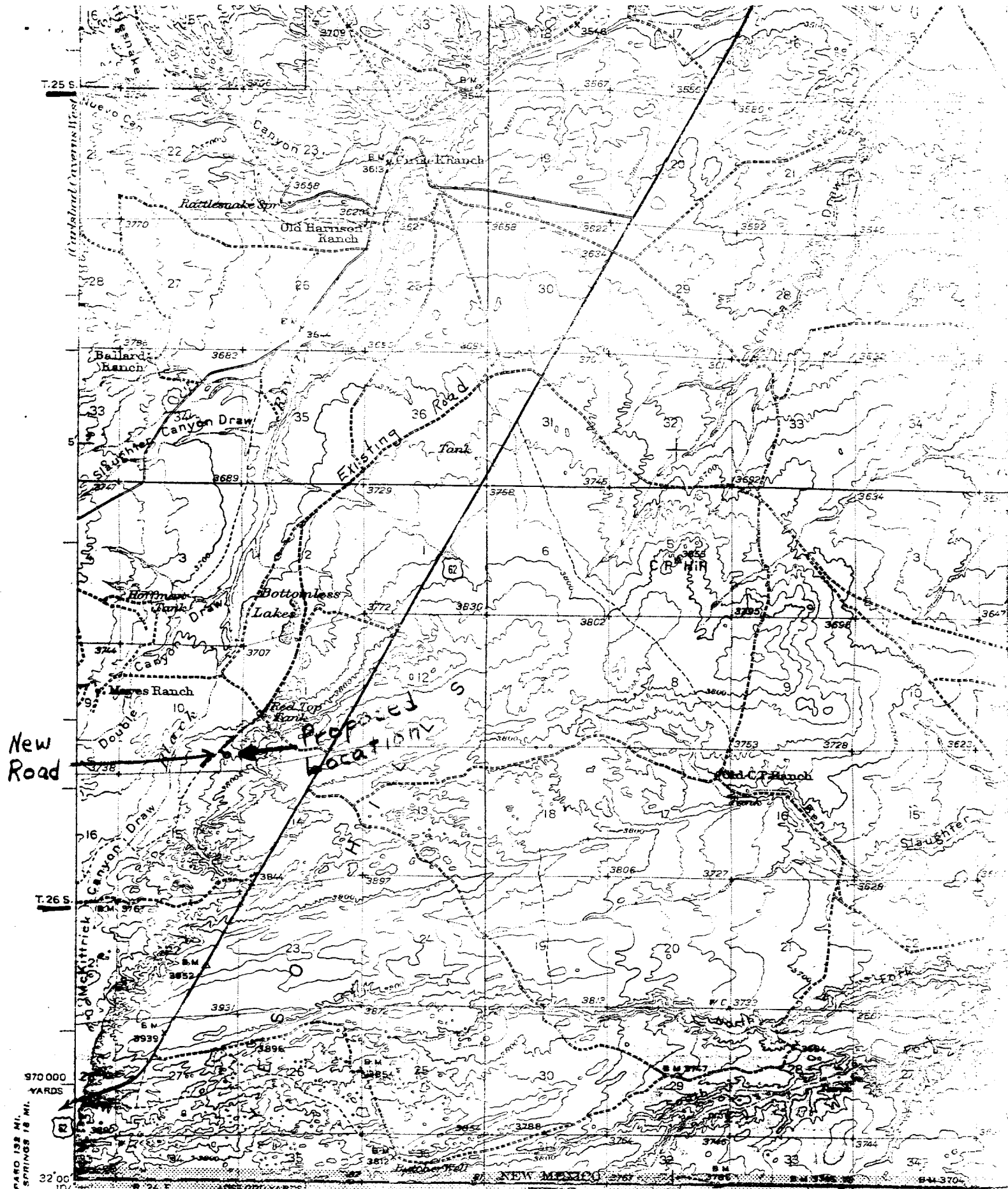
BY: *Francis L. Jones*

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AL PARD 132 MI.
PINE SPRINGS 18 MI.

Mapped by the Geological Survey
1945

ROAD CLASSIFICATION
1946

Dependable hard-surface	Day weather roads	U. S. Route
Heavy-duty road	Unsurfaced grade	
Secondary hard-surface	Dirt road	State Route
all weather road		

More than two lines indicated along road with tick at point of change

APPROXIMATE MEAN DECLINATION, 1945

TRUE NORTH
MAGNETIC NORTH

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U. S. GEOLOGICAL SURVEY
ARIZONA NEW MEXICO

Scale 62500

Contour interval
Datum is mean sea level