



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Roswell District Office

P. O. Box 1397

Roswell, New Mexico 88201

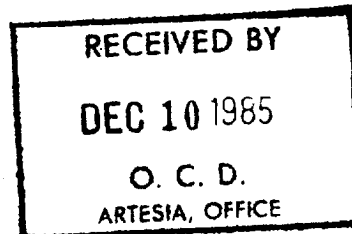
IN REPLY
REFER TO:

3160 (065)

NM-06245

Ray Westall
P. O. Box 4
Loco Hills, NM 88255

Gentlemen:



DEC 9 1985

Your application for Permit to Drill Well No. 3 Trigg Federal in the SW $\frac{1}{4}$ NW $\frac{1}{4}$, section 35, T. 18 S., R. 30 E., Eddy County, New Mexico, lease NM-06245, to a depth of 3,800 feet to test the Grayburg Formation in the oil-potash area, is hereby approved as amended by stipulations attached to the application.

One copy of the application is returned herewith. Please notify the Bureau of Land Management office checked on the attached special stipulation in sufficient time for a representative to witness all cementing operations.

Sincerely,

s/L. Kroeger

FOR Francis R. Cherry, Jr.
District Manager

Enclosure

Artesia, NM 88210
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

Ray Westall

3. ADDRESS OF OPERATOR

Box 4 Loco Hills, New Mexico

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

At surface

2310 FNL & 990 FWL
At proposed prod. zone same

RECEIVED BY

DEC 10 1985

O. C. D. W. E.
ARTESIA, OFFICE

5. LEASE DESIGNATION AND SERIAL NO.

NM 06245

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Trigg Federal

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Shugart - Y-S-P-G-G

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec. 35-T18S-R30E

12. COUNTY OR PARISH

Eddy

13. STATE

NM

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

7 miles southwest from Loco Hills NM

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT. 990
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

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

660

19. PROPOSED DEPTH

3800

20. ROTARY OR CABLE TOOLS

rt

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

3416

22. APPROX. DATE WORK WILL START*

asap

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24	500	circulated
7 7/8	5 1/2	15.5	3800	circulated

We propose to drill and test the Grayburg and intermediate formations. Approx 500 feet of 8 5/8 casing will be set at top of salt and circulated Fresh water will be used to drill the surface and brine water will be used to drill the production hole. 5 1/2 production casing will be run, circulated and perforated for production.

Posted API
IDI-NL
12-20-85

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

Operator

DATE

11/5/85

(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

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

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

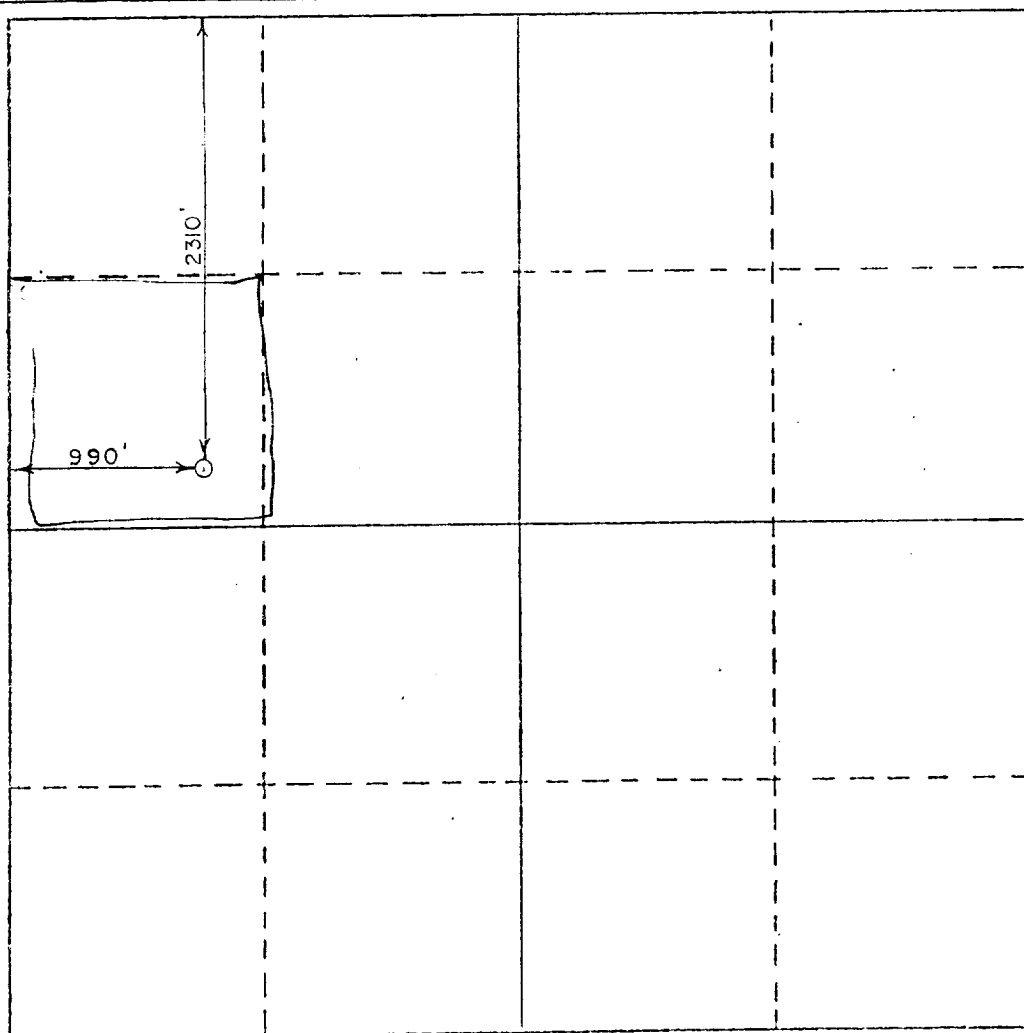
Operator Ray Westall		Lease Trigg Federal		Well No. 3
Unit Letter E	Section 35	Township 18 South	Range 30 East	County Eddy
Actual Locality Location of Well: 2310 feet from the North line and 990 feet from the West line				
Ground Level Elev. 3416	Existing Foundation Graybury	Post Sugar A	Dedicated Acreage 40	

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?

☐ 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 Commission.



CERTIFICATION

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

Name
Randall L. Haras
Position
Geologist
Company
Ray Westall
Date
10/11/88

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.

October 29, 1985

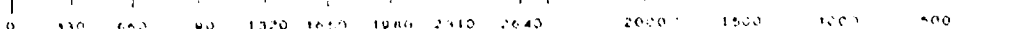
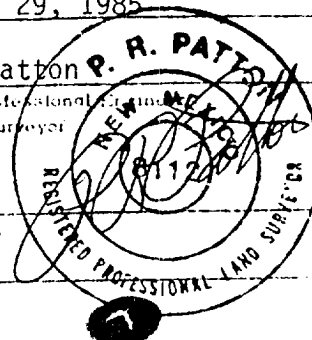
Date Surveyed

P. R. Patton

Registered Professional Engineer and/or Land Surveyor

8112

Certificate No.



DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE:
SERIAL No.: NM-06245

and hereby designates

NAME: Ray Westall
ADDRESS: P. O. Box 4
Loco Hills, New Mexico 88255

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

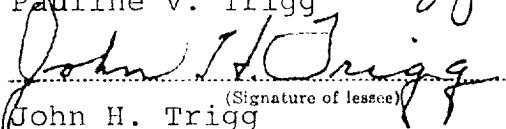
Township 18 South, Range 30 East, N.M.P.M.

Section 35: E $\frac{1}{2}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$ NW $\frac{1}{4}$ and SW $\frac{1}{4}$ for
depths from the surface down to 4,500 feet
below the surface. Lea County, New Mexico.

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.


Pauline V. Trigg

John H. Trigg (Signature of lessee)

May 3, 1985
(Date)

201 East Hobbs, Roswell, NM 88201
(Address)

MULTI-POINT SURFACE USE AND OPERATIONS PLAN

RAY WESTALL

This plan is submitted with Form 9-331C. Application for Permit to Drill, covering the above described well. The purpose of this plan is to describe the location of the proposed well, the proposed construction activities and Operations Plan, the magnitude of surface disturbance involved, and the procedures to be followed in rehabilitating the surface after completion of the operations, so that a complete appraisal can be made of the environmental effect associated with the operation.

1. EXISTING ROADS.

Exhibit A is a portion of a USGS topographic map showing the wells and roads in the vicinity of the proposed location. The proposed wellsite is located approximately $\frac{1}{2}$ mile north of main road.

DIRECTIONS.

1. Proceed east from Loco Hills to county road 222 go South approximately 7 miles, turn west 2 miles location on north side of road.

2. PLANNED ACCESS ROAD.

- A. Approximately 260 feet of road will have to build from the Trigg Fed. #2 location.

3. LOCATION OF EXISTING WELLS.

- A. There are no existing wells on this 40 acres.

4. LOCATION OF EXISTING/OR PROPOSED FACILITIES.

- A. There are no producing facilities on the shallow lease at the present time.
- B. In the event that the well is productive, the necessary production facilities will be installed on the drilling pad. If the well is productive oil, electricity will be used to provide the necessary power. No power will be required if the well is productive gas. Electric lines will have to be installed from east side of location.

5. LOCATION AND TYPE OF WATER SUPPLY.

- A. It is planned to drill the proposed well with a fresh water system. The water will be obtained from commercial sources and will be hauled to the location by truck.

6. SOURCE OF CONSTRUCTION MATERIALS.

- A. The location and road will be scraped out to caliche.

7. METHODS OF HANDLING WASTE DISPOSAL:

- A. Drill cuttings will be disposed of in the reserve pit.
- B. Drilling fluids will be allowed to evaporate in the reserve pits until the pits are dry.
- C. Produced water during testing - drill pits.
- D. Oil produced during operation will be stored in tanks until sold.
- E. Current laws and regulations pertaining to the disposal of human waste will be complied with.
- F. Trash, waste paper, garbage and junk will be buried in a separate trash pit and covered with a minimum of 24 inches of dirt. All waste material will be contained to prevent scattering by the wind.
- G. All trash and debris will be buried or removed from the wellsite within 30 days after finishing drilling and/or completion of operations.

8. ANCILLARY FACILITIES.

- A. None required.

9. WELLSITE LAYOUT.

- A. Exhibit C shows the relative location and dimensions of the well pad, the reserve pits, etc.
- B. A 400' X 400' area has been staked and flagged.

10. PLANS FOR RESTORATION OF THE SURFACE.

- A. After finishing drilling and/or completion operations, all equipment and other material not needed for further operations will be removed. The location will be cleaned of all trash and junk to leave the wellsite in as aesthetically pleasing a condition as possible.
- B. Unguarded pits, if any, containing fluids will be fenced until they have been filled.
- C. If the proposed well is non-productive, all rehabilitation and/or vegetation requirements of the BLM and USGS will be complied with and will be accomplished as expeditiously as possible. All pits will be filled level within 90 days after abandonment.

11. OTHER INFORMATION.

- A. Topography: The land surface in the vicinity of the wellsite is in sand dunes. The immediate area of the wellsite is discussed above in paragraph 9B.
- B. Flora and Fauna: The vegetation cover consists of prairie grass, prairie flowers, greasewood and miscellaneous desert growth. No wildlife was observed, but the wildlife in the area probably includes those typical of semi-arid desert land. The area is used for cattle grazing.
- C. There are no ponds, lakes or rivers in the area.
- D. There are no inhabited dwellings in the vicinity of the proposed well.
- E. Surface Ownership: The wellsite is on federal surface.
- F. There is no evidence of any archeological, historical or cultural sites in the area.

12. OPERATOR'S REPRESENTATIVE.

- A. The field representative responsible for assuring compliance with the approved surface use plan is:

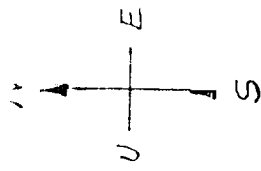
Ray Westall
P. O. Box 4
Loco Hills, NM 88255
(505) 677-3113 Office
677-3201 Home

13. CERTIFICATION.

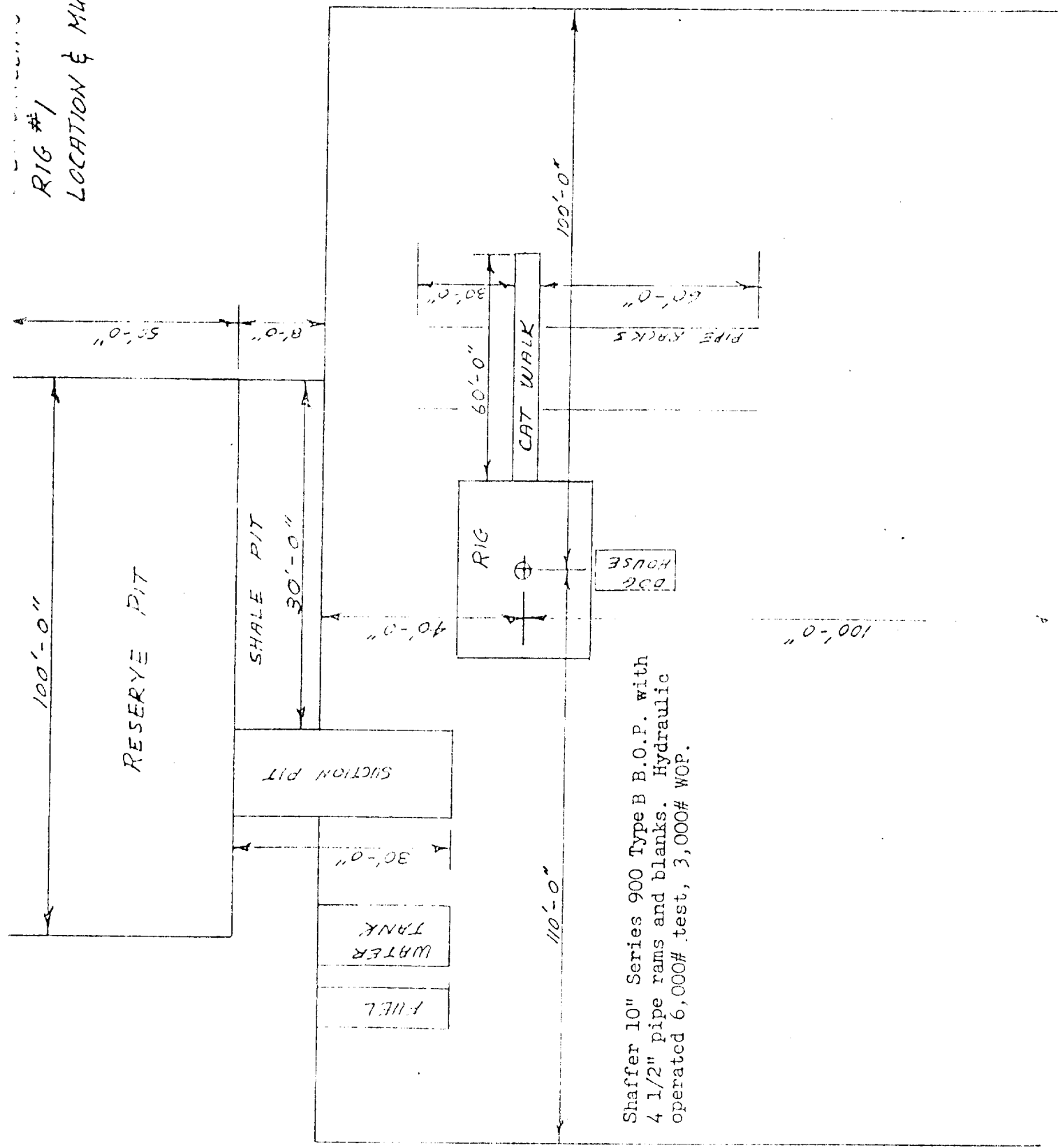
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route, that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Ray Westall and it's subcontractors in conformity with this plan and the terms and conditions under which it is approved.



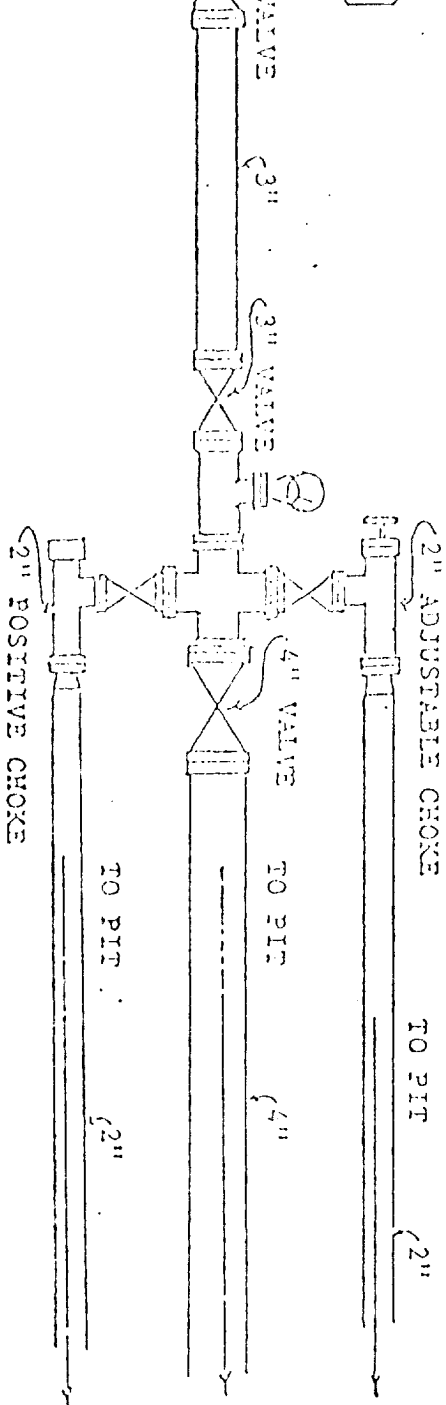
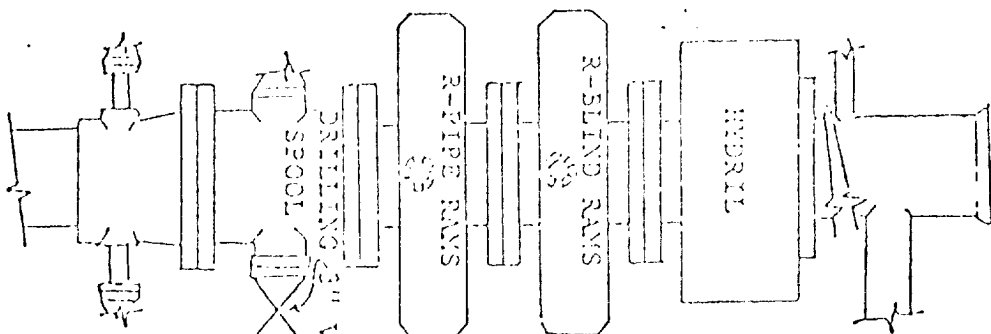
Ray Westall, Operator



RIG #1
LOCATION & MUD PIT SPECS

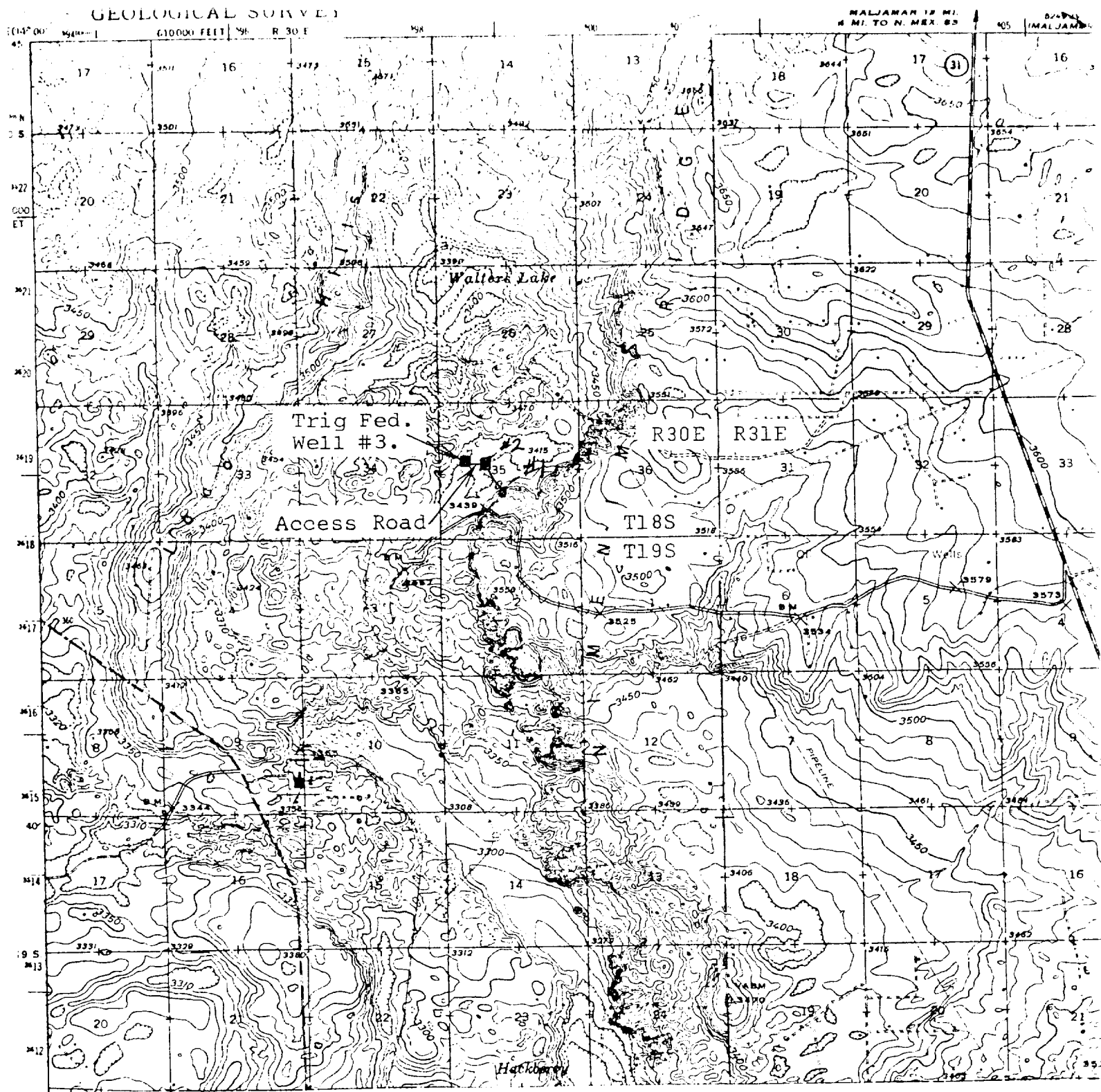


Shaffer 10" Series 900 Type B B.O.P. with
4 1/2" pipe rams and blanks. Hydraulic
operated 6,000# test, 3,000# WOP.



BLOW OUT PREVENTION EQUIPMENT
 10" 900s ALL FLANGED CONNECTIONS
 3,000# WORKING PRESSURE - 6,000# TEST

ATTACHMENT TO FORM C-101



Map showing the location of the Ray Westall Trig Federal Well No. 3 and Access Road, T18S, R30E, Section 35, SE1/4, SW1/4, NW1/4 [2310 FNL, 990 FWL], Eddy Co., New Mexico. Solid black square shows location of well pad, solid line shows the location of the access road. U.S.G.S. 15 minute series, CLAYTON BASIN, NEW MEXICO, 1942 (Photorevised 1965).

