

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN "PLICATE"

OTHER USES: \_\_\_\_\_

RECEIVED BY

JUL 24 1985

ARTESIA OFFICE

PLUG BACK

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.

1

10. FIELD AND POOL, OR WILDCAT

Shugart - Y-SK

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

Sec 35, T 18S R 30E

12. COUNTY OR PARISH

13. STATE

Eddy

N.M.

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐

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 88255

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

At surface

1980 FSL 2310 FWL

At proposed prod. zone

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

1320

15. DISTANCE FROM PROPOSED\*

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

1980

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.

1320

19. PROPOSED DEPTH

3800

20. ROTARY OR CABLE TOOLS

Rotary

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

3429

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#	400'	Circulate
8"	5 1/2"	17#	3800	Circulate

We propose to drill and test the Grayburg and intermediate formations. Approximately 400 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.

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

Ray Westall

TITLE

Operator

DATE 6-24-85

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

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

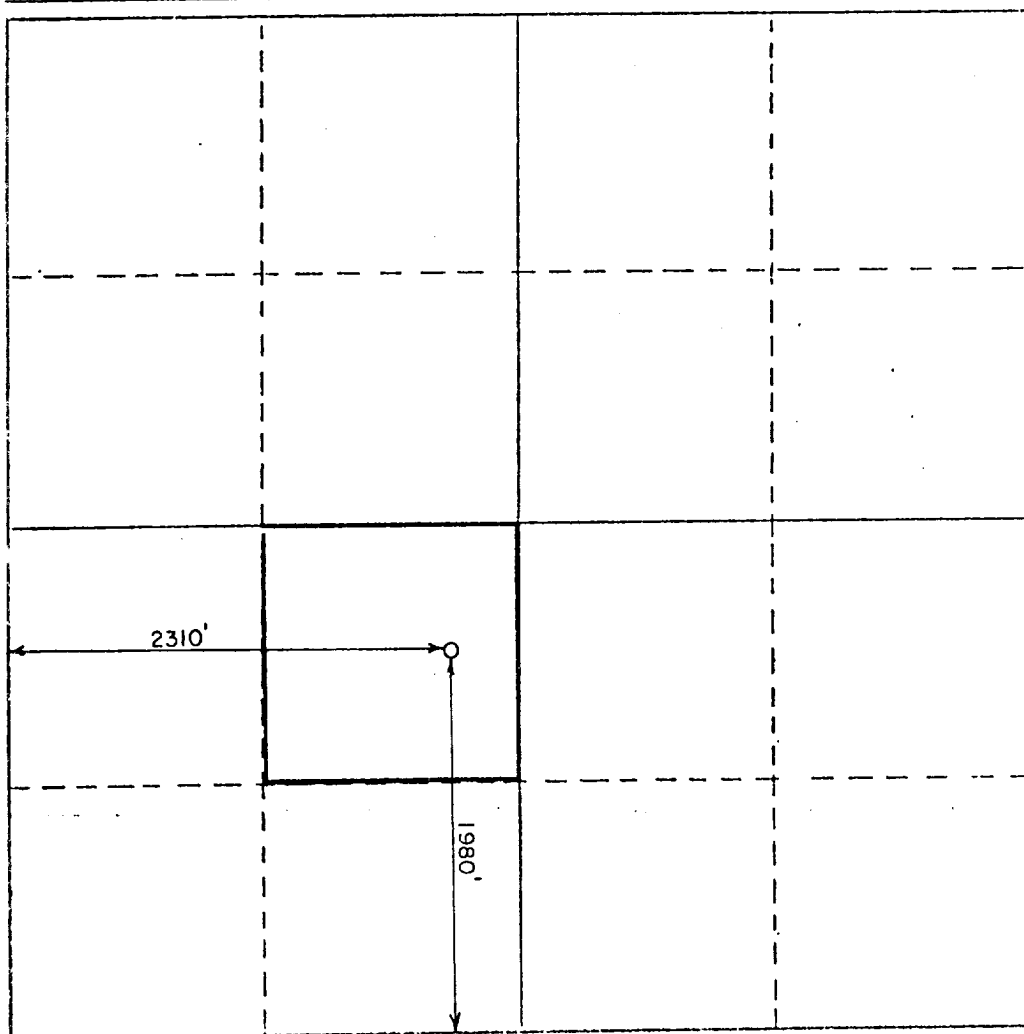
Operator <b>Ray Westall</b>			Lease <b>Trigg Federal</b>		Well No. <b>1</b>
Unit Letter <b>K</b>	Section <b>35</b>	Township <b>18 South</b>	Range <b>30 East</b>	County <b>Eddy</b>	
Actual Postage Location of Well: <div style="display: flex; justify-content: space-between;"> <span>1980 feet from the South line and</span> <span>2310 feet from the West line</span> </div>					
Ground Level Elev. <b>3429</b>	Producing Formation <i>Grayburg</i>		Pool <i>Shugart</i>		Dedicated Acreage <b>40</b>

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

Position

Company

Date

*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.*

June 5, 1985

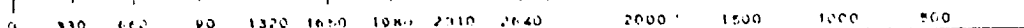
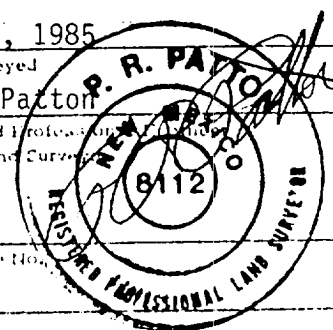
Date Surveyed

P. R. Patton

Registered Professional Land Surveyor  
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):

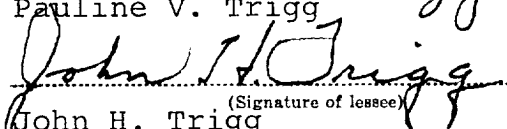
Township 18 South, Range 30 East, N.M.P.M.

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.

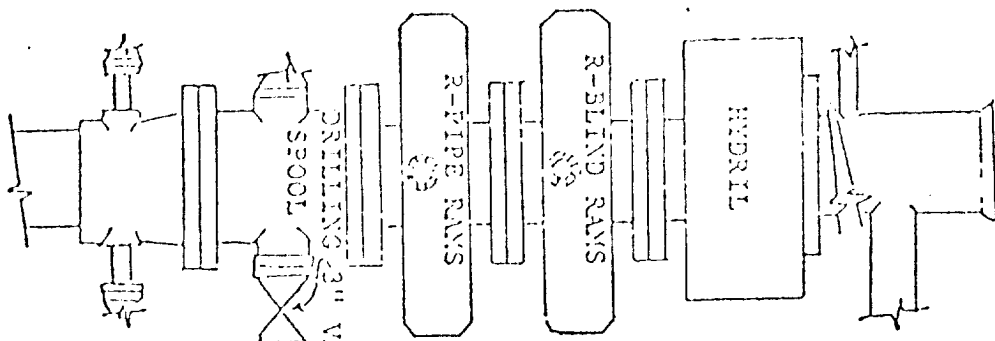
In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

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

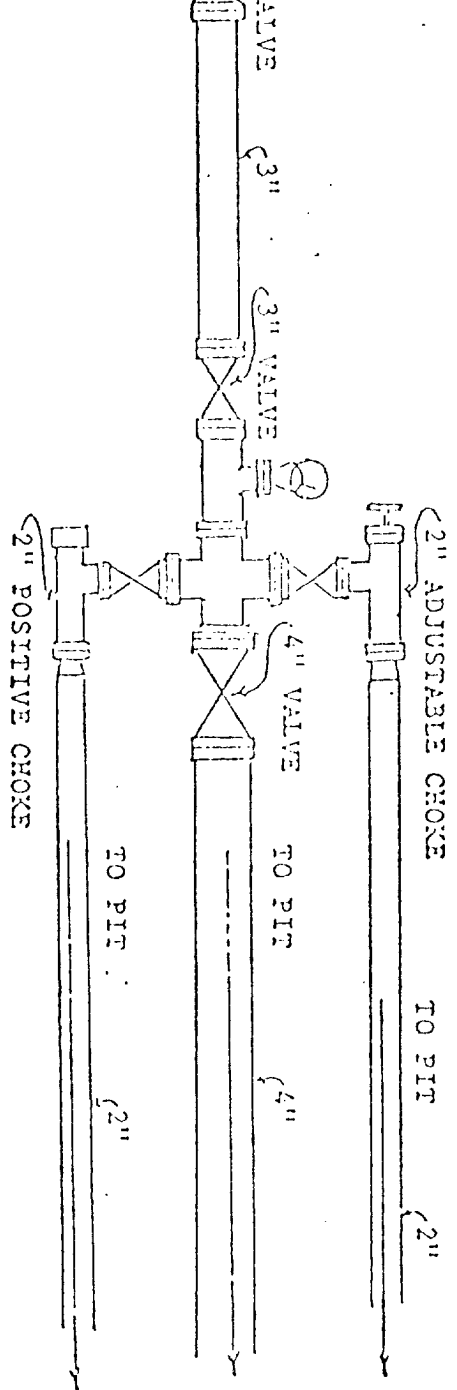
  
Pauline V. Trigg  
  
John H. Trigg  
(Signature of lessee)

May 3, 1985  
(Date)

201 East Hobbs, Roswell, NM 88201  
(Address)



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



ATTACHMENT TO FORM C-101

# Ray Westall

## APPLICATION FOR DRILLING

Ray Westall  
Trigg Federal #1  
1980 FSL 2310 FWL, Sec 35, T 18S R 30E

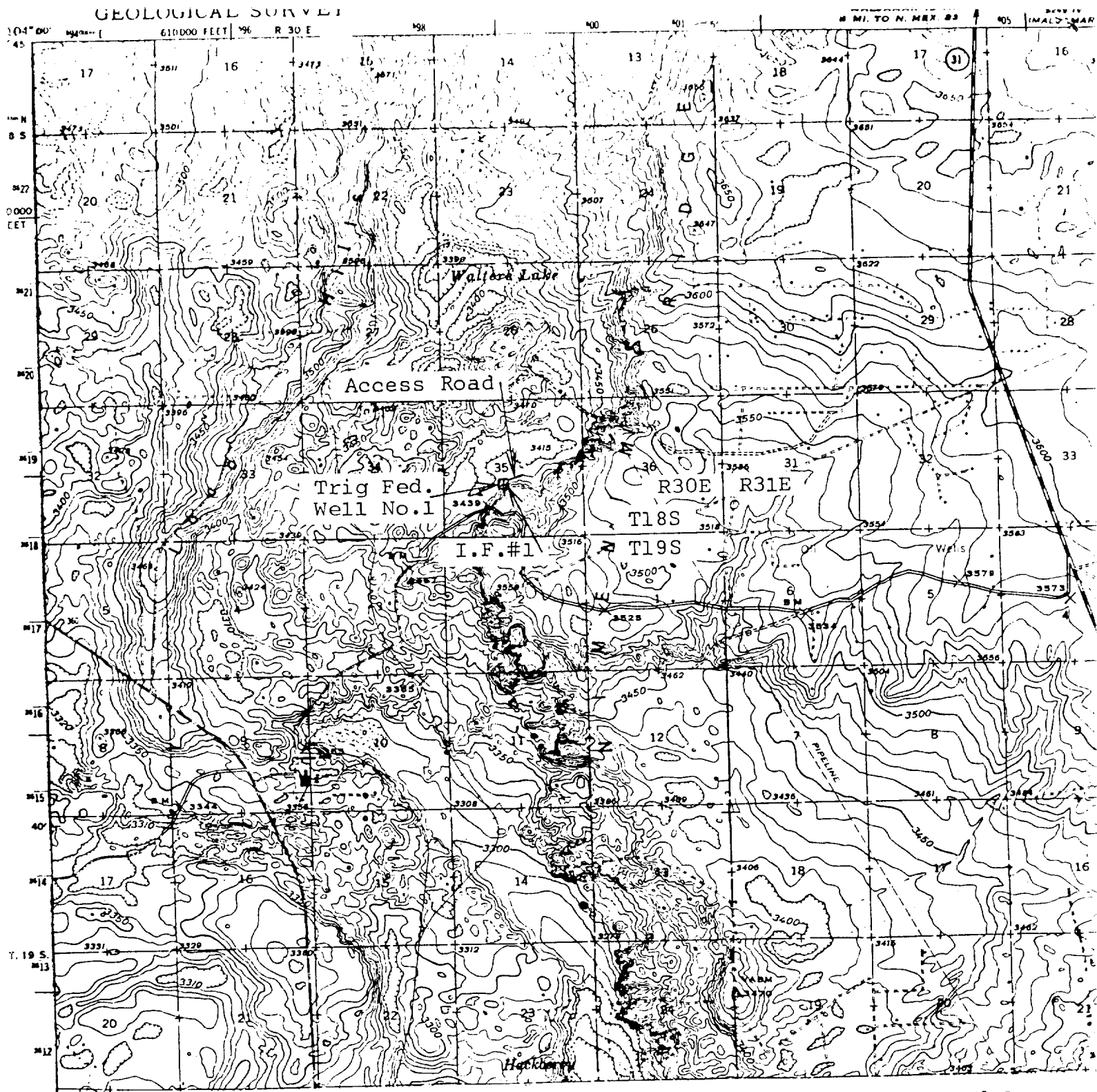
In conjunction with Form 9-331C, Application for Permit to Drill subject well, Ray Westall submits the following ten items of pertinent information in accordance with BLM requirements:

1. The Geological surface formation is quaternary.
2. The estimated tops of geologic markers are as follows:

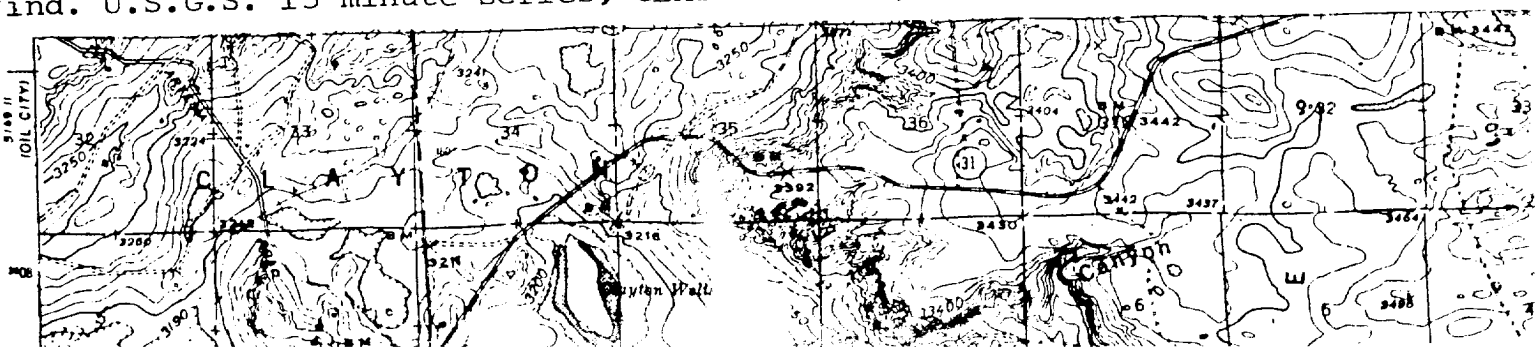
Yates	2050
7 Rivers	2500
Queen	3050
Grayburg	3500
San Andres	3850
3. The estimated depths at which anticipated water, oil & gas formations are expected to be encountered:

Water	180
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Oil & gas zones listed above in item #2.
4. Proposed Casing Program: See 9-331C
5. Pressure Control Equipment: See 9-331C and Exhibit E.
6. Mud Program: Mud up 100 to 150' before TD and circulate 2 hours after TD and pull out laying down and running casing.
7. Auxiliary Equipment: N/A
8. Testing, Logging and Coring Program: (E) logs, CNL/FDC, DLL.
9. No abnormal pressures or temperatures are anticipated.
10. Anticipated Starting Date: As soon as possible.



Map showing the location of the Ray Westall Trig Federal Well No. 1 and Access Road. T18S, R30E, Section 35, Centre, E1/2, NE1/4, SW1/4 [1980 FSL, 2310 FWL], Road. Open square shows the location of the well pad, solid line shows the location of the access road; dot shows the location of Isolated Find. U.S.G.S. 15 minute series, CLAYTON BASIN, NEW MEXICO, 1942 (rvsd 1965).



## ARCHAEOLOGICAL SURVEY CONSULTANTS

## CULTURAL RESOURCES EXAMINATION

on lands administered by  
Dept. of the Interior  
Bureau of Land Management  
Roswell District, New Mexico

PERMIT NO.: 18-2920-84-B  
ASC Job No.: 85-68. Proj.: Ray  
Westall Trig Fed. Well No. 1 &  
Access Road (T18S, R30E, S. 35

1. Abstract: intensive archaeological survey of the Ray Westall # 1 Trig Federal Well (400 ft. square + a 50 ft. wide buffer, 5.7 acres) and access road R/W (720 ft. long X 50 ft. wide, 0.83 acres). A total of 6.53 acres were inspected for cultural remains.

Archaeological survey revealed only the occurrence of a single Isolated Find, consisting of 2 burnt caliche (?) fragments on the steep talus slope, adjacent to a wash. The material is probably derived from the ridge crest, some considerable distance from the well pad. Archaeological clearance for construction of the well pad and access road is recommended.

2. Resource Area: Carlsbad. Well Location: T18S, R30E, Section 35, Centre East 1/2, NE1/4SW1/4 (1980 FSL, 2310 FWL), Eddy County, New Mexico. Access Road: T18S, R30E, Section 35: NE1/4NE1/4SW1/4; NW1/4NW1/4SE1/4. Eddy County, New Mexico.

U.S.G.S. 15 minute series, CLAYTON BASIN, NEW MEXICO, 1942 (photo-revised 1965).

3. Project Description: well pad, 400 ft. sq. + a 50 ft. wide buffer, 5.7 acres; access road R/W, 720 ft. long X 50 ft. wide, 0.8 acres. A total of 6.53 acres were inspected for cultural remains.

Topography: situated at an elevation of ca. 3425 ft., msl, immediately NW of the escarpment of Nimenin Ridge, and within the area of a small sunken basin. A large extensive sunken basin is to the NW and N. The SE corner of the pad is some distance above the centre on the steep talus slope, and the SE1/4SE1/4 of the pad is on steeply rising terrain. The steep talus is characterized by a 7° to 15° slope with abundant caliche and limestone float (ledges occur as the cap to the south of the location by some distance. Adjacent to the talus and in the south 1/2 of the pad is an area with some depth of sand as well as colluvial material of small caliche. Further north in the area of the small playa, the surface is level with a low incidence of float. The pad and access are at the contact of Simona-Bippus and Simona gravelly fine loam.

Vegetation: snakeweed, mesquite, 3-awn, salt-bush, rare yucca; area of small playa is more open. The talus is devoid of mesquite.

Ground Visibility: ca. 70%

4. Examination Procedure: zig-zag transects, with dogleash transects in the area of artifacts. Ca. 3 manhours on ground.
5. Findings: BLM records do not indicate prior recording of sites in the Section.

Archaeological survey of the well pad and access road revealed a single Isolated Find consisting of 2 burnt caliche fragments located 110 ft. from the well centre on an azimuth of 84° on a 7° talus slope. UTM: Zone 13: 599,113mE; 3,618,583 mN.

6. Recommendations: clearance for the well pad and access recommended.

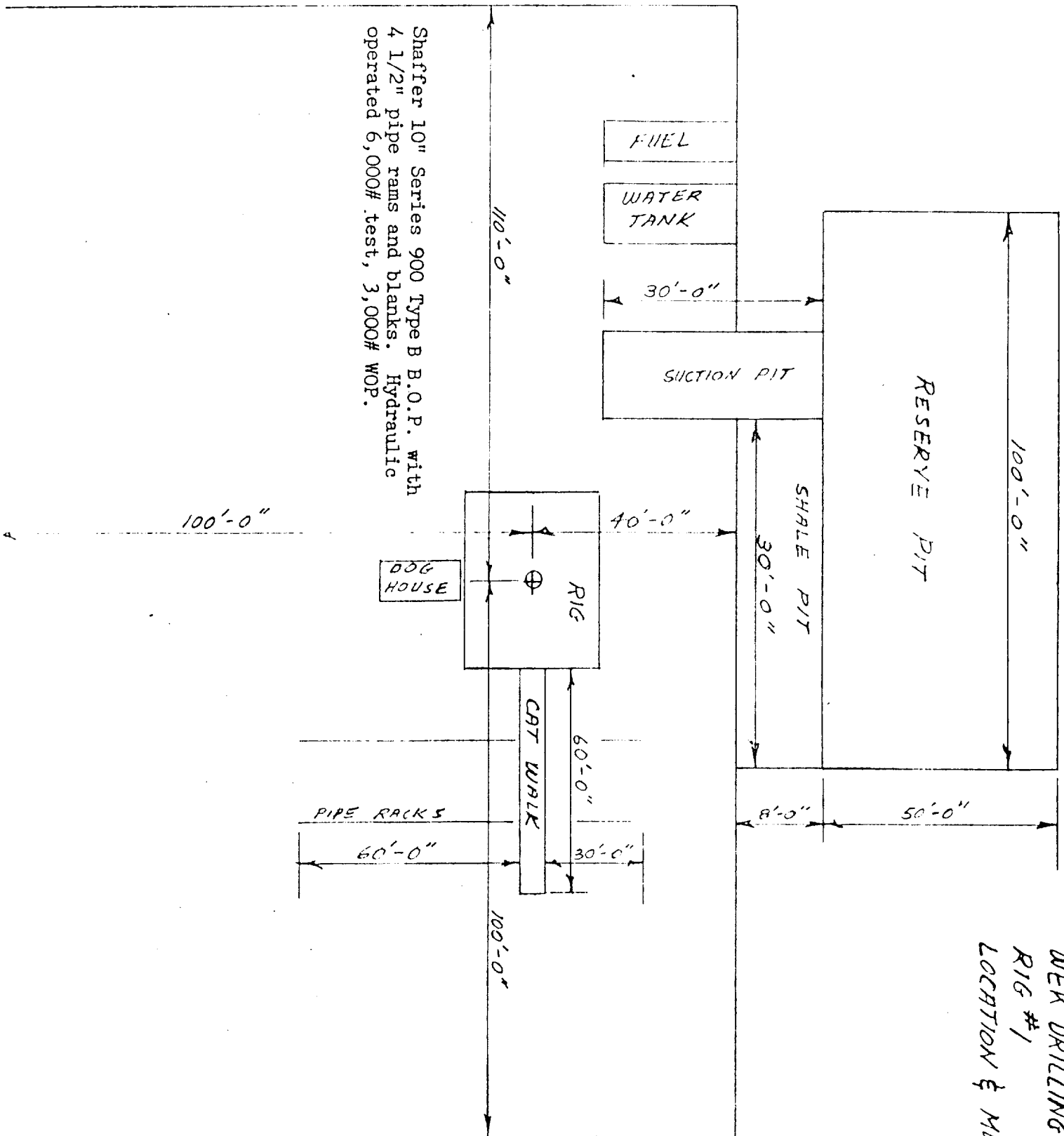
Date of Examination: June 6, 1985

Project Archaeologist:

D. M. Griffiths *JV Sessant*

Principal Investigator:

*JV Sessant*



WEK DRILLING CO., INC.  
RIG #1  
LOCATION & MUD PIT SPECS.