

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM 52621 56251	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Ray Westall		7. UNIT AGREEMENT NAME	
3. ADDRESS AND TELEPHONE NO. P.O. Box 4, Loco Hills NM 88255 (505) 677-2370		8. FARM OR LEASE NAME, WELL NO. Federal "12" #4	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 660 FNL & 1980 FEL Unit B At proposed prod. zone same		9. AP WELL NO.	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 20 Miles south east of Loco Hills		10. WELL AND POOL, OR WILDCAT West Tonto Federal Delaware	
16. NO. OF ACRES IN LEASE 320		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 12 T19S-R32E	
17. NO. OF ACRES ASSIGNED TO THIS WELL 40		12. COUNTY OR PARISH Lea	
18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660		13. STATE NM	
19. PROPOSED DEPTH 7800		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3654 GR. STS		22. APPROX. DATE WORK WILL START* ASAP	

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8" J-55 New	24 STC	500	350 sxs "C" Circulated
7 7/8	5 1/2" J-55 New	15.5 LTC	7800	700 sxs "H" 1st stage (TIE)
				1000 sxs Lite 2nd stage (BACK)
				with DV tool set at 7000'

The surface hole will be drilled with fresh water, production hole with 10" brine.

A 10" 900s BOP will be installed on the 8 5/8" casing and tested to 3,000# prior to drill out of 8 5/8" casing.

If well is productive the 5 1/2" casing will be cemented at TD. If non-productive then the well will be plugged and abandoned.

OPER. OGRID NO. 18862

PROPERTY NO. 11672

POOL CODE 59478

EFF. DATE 8/18/95

API NO. 30-025-33066

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on maximum locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

TITLE Geologist

DATE 4/16/95

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

APPROVED BY

TITLE

DATE

AUG 15 1995

*See Instructions On Reverse Side

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

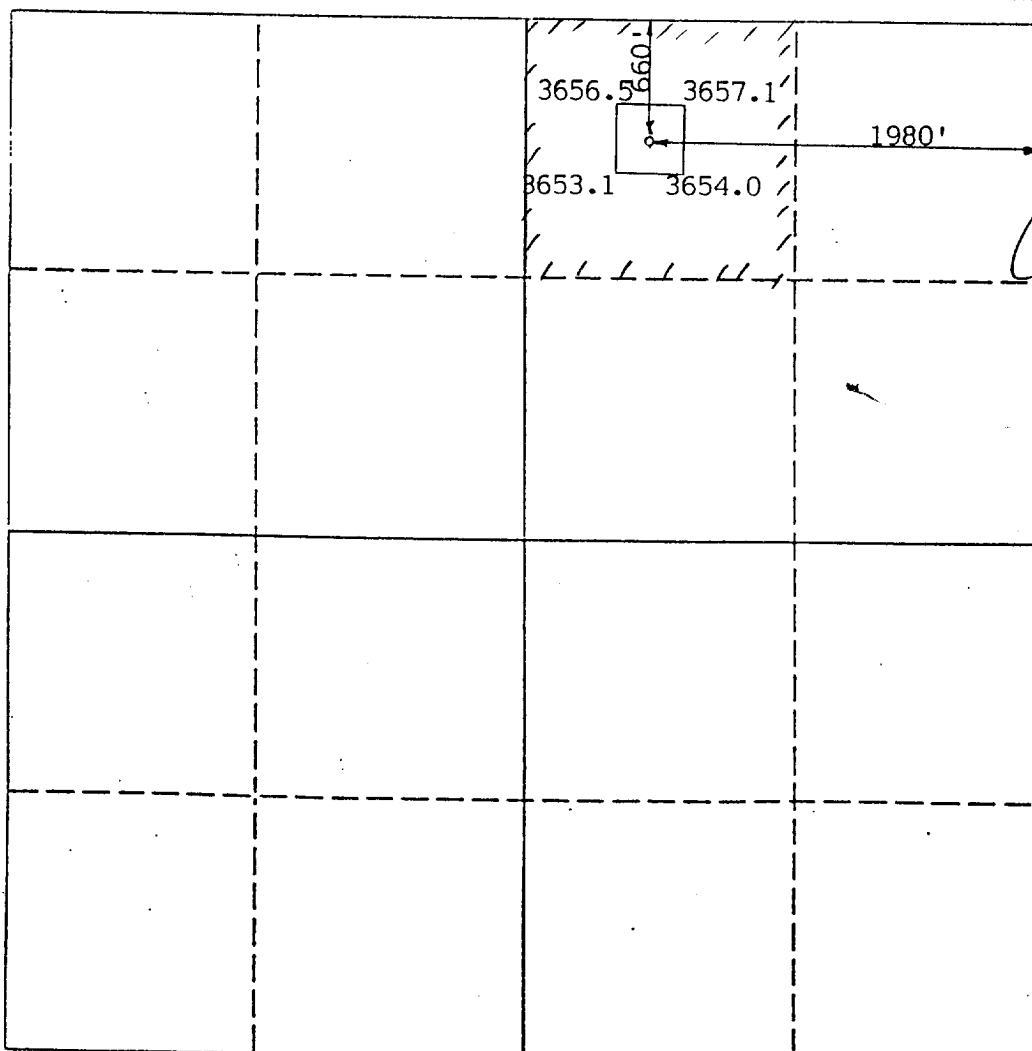
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Ray Westall, Operator			Lease Federal "12"		Well No. 4
Unit Letter B	Section 12	Township 19 South	Range 32 East	County NM/M Lea	
Actual Footage Location of Well:					
660 feet from the North line and		1980 feet from the East line			
Ground level Elev. 3654	Producing Formation Delaware	Pool West Tonto	Dedicated Acreage: 40 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 (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interest 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 interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature

Printed Name

Randall L. Harris

Position

Geologist

Company

Ray Westall

Date

1/16/95

SURVEYOR CERTIFICATION

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

August 10, 1993

Signature & Seal of Professional Surveyor

R. R. Patton**NEW MEXICO****8112****CERTIFICATE****8112****15000' 15000' 15000'**

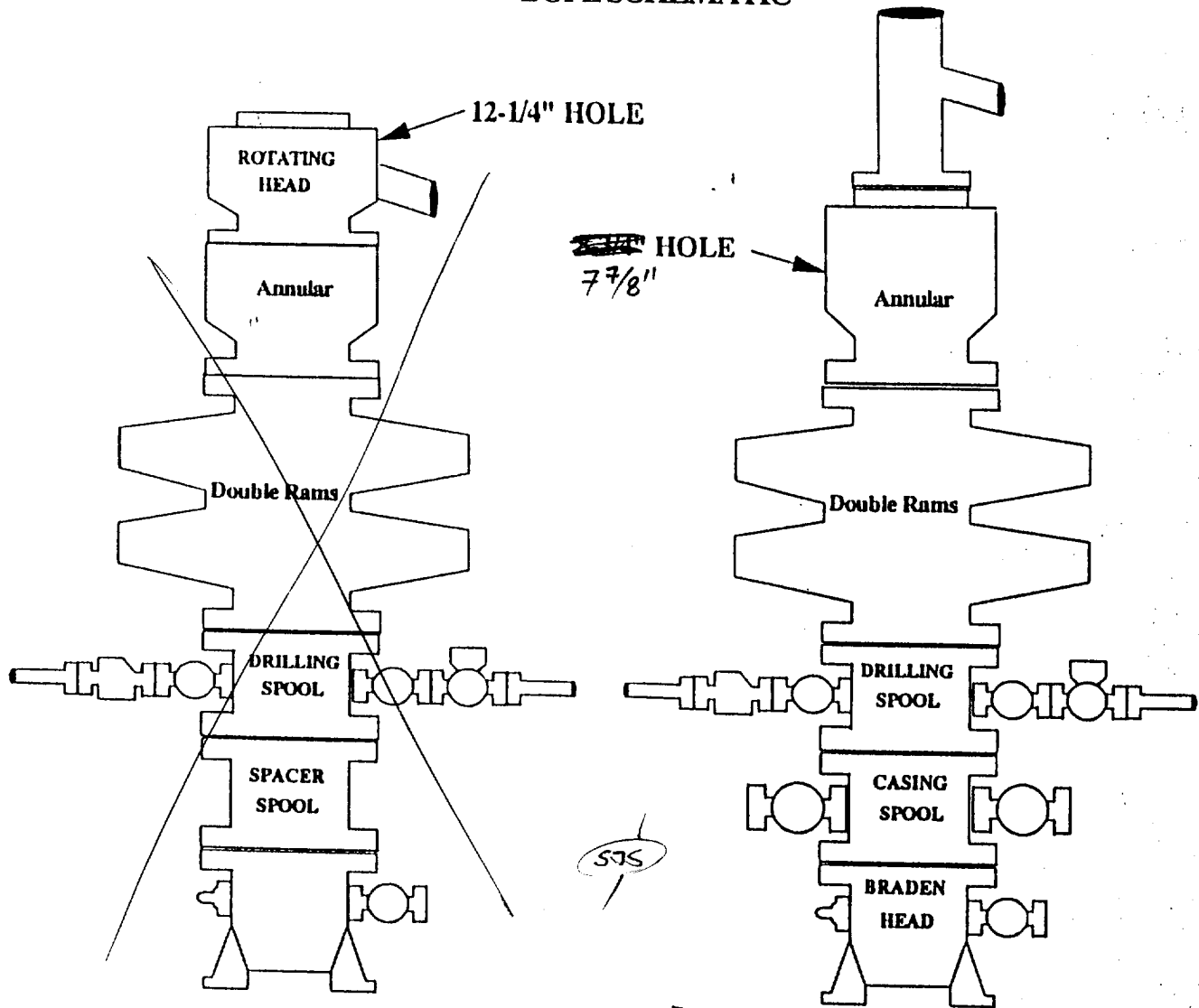
APPLICATION FOR DRILLING

Ray Westall
Federal 12 No. 4
Section 12-T19S-R32E
660 FNL & 1980 FEL
Lea County, New Mexico
NM-52621

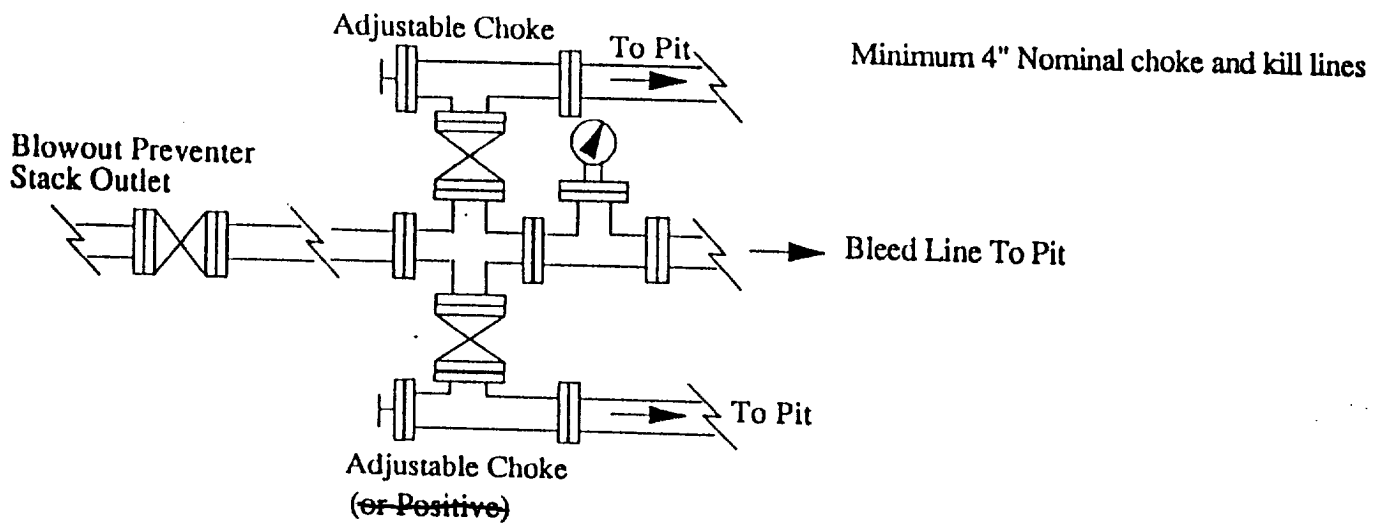
In conjunction with Form 3160-3, Application for Permit to Drill subject well, Ray Westall submits the following ten items of pertinent information in accordance with BLM requirements:

1. The geological surface formation is quaternary.
2. The estimated tops of geologic markers are as follows:
Yates 3470
Delaware 5800
Bone Springs 7600
3. The estimated depths at which anticipated water, oil & gas formations are expected to be encountered:
Water 0-180'
Oil and Gas zones listed in item #2
4. Proposed casing program: See 3160-3
5. Pressure Control Equipment: See 3160-3 and exhibit E.
6. Mud Program: Fresh water in surface hole, brine water to TD
7. Auxiliary Equipment: None
8. Logging Program: CNL/FDC/GR, DLL.
9. No abnormal pressures or temperatures are anticipated.
Est. BHP is 3600 psi. . . Est. BHT is 125°F
10. Anticipated Starting Date: As soon as possible.
Duration: 12 days drlg. 5 days compl. SJS

BOPE SCHEMATIC



Choke Manifold Requirement (3000 psi WP)



7/12/1918

RECEIVED

Aug 1 1918

U.S. National
Archives