

UN
DEPARTMENT
BUREAU

APPLICATION FOR

OPER. OGRID NO. 18862
PROPERTY NO. 7872
POOL CODE 11160
EFF. DATE 8/2/96
API NO. 30 (24-83498)

REPLICATE*
Sections on
side)

FORM APPROVED
OMB NO. 1004-0136
Expires: February 28, 1995

1a. TYPE OF WORK

DRILL ☒

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Ray Westall

3. ADDRESS AND TELEPHONE NO.

P.O. Box 4, Loco Hills NM. 88255 (505) 677-2370

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

At surface

990' FNL & 1658 FWL
At proposed prod. zone

Unit C

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

16 Miles SE of Loco Hills

15. DISTANCE FROM PROPOSED*

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

990'

16. NO. OF ACRES IN LEASE

360

17. NO. OF ACRES ASSIGNED
TO THIS WELL

42

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

990'

19. PROPOSED DEPTH

7300

20. ROTARY OR CABLE TOOLS

Rotary

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

3518'

Secretary's Potash

22. APPROX. DATE WORK WILL START*

ASAP

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2	133/8" H-40	48# STC	500	350 sxs circulated
11"	85/8" J-55	28 & 32#	4000	1500 sxs circulated
8 5/8 7 7/8	5 1/2" J-55	24# 17# 1600'	7300	500 sxs 1 stage 800 sxs 2nd stage W/DV Tool @ 6500' TIE Back

ALL CASING will BE NEW.

The surface hole will be drilled with fresh water, intermediate with fresh water, production with cut brine 8.7-8.9#.

10PPG BRINE

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

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

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 subsurface conditions and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

TITLE

Geologist

DATE

6/20/96

(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:

APPROVED BY

Frank Splendoria

TITLE

Acting State Director

DATE

AUG 14 1996

*See Instructions On Reverse Side

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2082, Santa Fe, NM 87504-2082

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number <i>20-00-0000</i>	² Pool Code <i>4116-1</i>	³ Pool Name <i>Lusk, Thompson, et al.</i>
⁴ Property Code <i>11542</i>	⁵ Property Name Polewski Federal	⁶ Well Number 2
⁷ OGRID No. <i>18862</i>	⁸ Operator Name Ray Westall	⁹ Elevation 3518

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	31	19 S	32 E		990	North	1658	West	Lea

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

¹⁶ 3518.0 3519.9 1658' 990' 3516.8 3521.15	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <i>[Signature]</i> Signature RANDALL L. HARRIS Printed Name GEOLOGIST Title 6/20/96 Date
	¹⁸ 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 belief. November 2, 1995 Date of Survey R. P. A. Ratton Signature and Seal of Professional Surveyor: <i>[Signature]</i> <i>[Seal]</i> Certificate No. 8112

APPLICATION FOR DRILLING

Ray Westall
Polewski Federal No. 2
990' FNL & 1658 FWL
Section 31
Township 19 South, Range 32 East
Lea County, New Mexico

In conjunction with Form 3160-3, Application for Permit to Drill, 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	2500
Seven Rivers	2750
Delaware	4200
Bone Springs	7250
3. The estimated depths at which anticipated water, oil & gas formations are expected to be encountered:

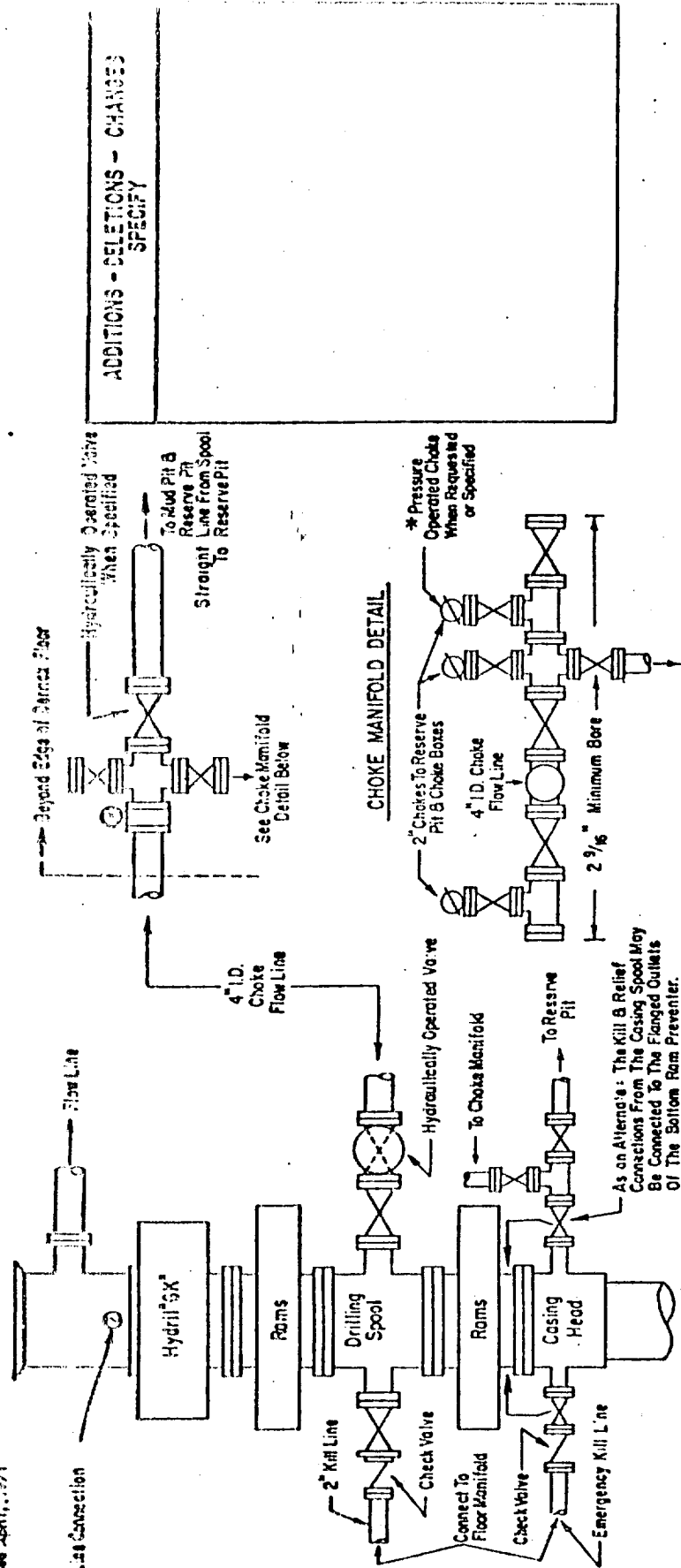
Water	0-180'
Oil and gas zones	4200-7250'
4. Proposed casing program: See 3160-3
5. Pressure Control Equipment:

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

Fresh water in surface hole.
Fresh in intermediate hole.
Cut brine in production hole.
7. Auxiliary Equipment: None
8. Logging Program: CNL/FDC/Gr., DLL.
9. No abnormal pressures or temperatures are anticipated. Estimated BHP is 3500#, Estimated BHT is 130.F
10. Anticipated starting date:

As soon as possible.
Duration: 12 days drilling
5 days completion

CR-100 40.3
formed April, 1971



**ADDITIONS - DELETIONS - CHANGES
SPECIFY**

3000 PSI WORKING PRESSURE
BLOWOUT PREVENTER HOOK-UP

The blowout preventer assembly shall consist of one blind ram preventer and one pipe ram preventer, both hydraulically operated; a Hydril "GX" preventer; valves; chokes and connections as illustrated. If a tapered drill string is used, a ram preventer must be provided for each size of drill pipe. Casing and tubing rams to fit the preventer are to be available as needed. If correct in size, the flanged outlets of the ram preventer may be used for connecting to the 4-inch I.D. choke flow line and kill line, except when air or gas drilling. The substructure height shall be sufficient to install a rotating blowout preventer.

Minimum operating equipment for the preventers and hydraulically operated valves shall be as follows: (1) Multiple pumps, driven by a continuous source of power, capable of fluid charging the total accumulator volume from the nitrogen precharge pressure to its rated pressure within _____ minutes. Also, the pumps are to be connected to the hydraulic operating system which is to be a closed system. (2) Accumulators with a precharge of nitrogen of not less than 750 PSI and connected so as to receive the aforementioned fluid charge. With the charging pumps shut down, the pressurized fluid volume stored in the accumulators must be sufficient to close all the pressure-operated devices simultaneously within _____ seconds after closure, the remaining accumulator pressure shall be not less than 1000 PSI with the remaining accumulator fluid volume at least _____ percent of the original. (3) When requested, an additional source of power, remote and equivalent, is to be available to operate the above pumps; or there shall be additional pumps operated by separate power and equal in performance capabilities.

The closing manifold and remote closing manifold shall have a separate control for each pressure-operated device. Controls are to be labeled, with control handles indicating open and closed positions. A pressure reducer and regulator must be provided for operating the Hydrafll preventer. When requested, a second pressure reducer shall be available to limit operating fluid pressures to non preventer. an. Gulf Legion No.38 hydraulic oil, an equivalent or better, is to be used as the fluid to operate the hydraulic equipment.

The choke manifold, choke flow line, and choke lines are to be supported by metal stands and adequately anchored. The choke flow line and choke lines shall be constructed as straight as possible and without sharp bends. Easy and safe access is to be maintained to the choke manifold. All valves are to be selected for operation in the presence of oil, gas, and drilling fluids. The choke flow line valves connected to the drilling spool and all ram type preventers must be equipped with stem extensions, universal joints if needed, and hand wheels which are to extend beyond the edge of the derrick substructure. All other valves are to be equipped with handles.

* To include derrick floor mounted controls.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

RAY WESTALL

3. Address and Telephone No.

P.O. BOX 4 LOCO HILLS NM 88255 (505) 677-2370

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

990' FNL & 1658' FWL
SEC 31 T19S R32E

5. Lease Designation and Serial No.

NM 35612

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

POLEWSKI FED. #2

9. API Well No.

10. Field and Pool, or Exploratory Area

LUSK

11. County or Parish, State

LEA COUNTY, NM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other _____

- ☒ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

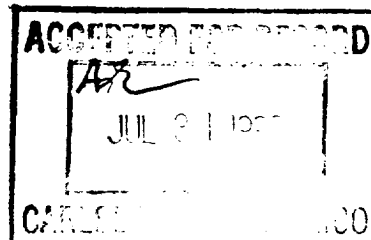
#1 CHANGE SIZE OF BIT TO 7 7/8 FROM 8 5/8

#2 BOP ON SURFACE CASING TESTED TO 3,000# PRIOR TO DRILL OUT

#3 ALL CASING WILL BE NEW

#4 8 5/8 CASING WILL BE 2400' 28# & 1600' 32#

#5 BRINE WILL BE USED IN INTERMEDIATE HOLE



14. I hereby certify that the foregoing is true and correct

Signed Susan R. Parker

Title PRODUCTION CLERK

Date 7/23/96

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any: _____