

Ray Westall

N. M. Oil and Gas Division

811 S. 1ST ST.

UNITED STATES

DEPARTMENT OF THE INTERIOR ARTESIA, NM 88210-2000

BUREAU OF LAND MANAGEMENT

3-13-97 ROM

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐

b. TYPE OF WELL

OIL

GAS

WELL ☒WELL ☐OTHER ☐

SINGLE

MULTIPLE ☐

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 1300' FNL & 1350' FWL

AT PROPOSED PROD. ZONE

Same

Unit C

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

10 Miles Southeast of Loco Hills NM

16. DISTANCE FROM PROPOSED

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT. 1300'

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

18. DISTANCE FROM PROPOSED LOCATION

TO NEAREST WELL DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT. 660'

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

3742 Gr.

16. NO. OF ACRES IN LEASE

640

17. NO. OF ACRES ASSIGNED

TO THIS WELL

40

19. PROPOSED DEPTH

3800'

20. ROTARY OR CABLE TOOLS

Rotary

APPROX. DATE WORK WILL START

ASAP

PROPOSED CASING AND CEMENTING PROGRAM

23.

SIZE OF HOLE	GRADE, SIZE OF CASING	WT PER FT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8" J-55	32# St&C 8RD	1000'	350 SXS "C" Circulated
7 7/8"	5 1/2" J-55	15#LT&C 8RD	3800'	850 SXS "C" Circulated

ALL CASING WILL BE NEW

CEMENT WILL BE CIRCULATED ON T 8

CEMENT QUANTITIES AND ADDITIVES ARE SUBJECT TO CHANGE DUE TO HOLE CONDITIONS

NSL-

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

PROPOSED MUD PROGRAM

1000'	FRESH WATER w/ PAPER. MW 8.4 VIS-31
1000-3800'	BRINE WATER w/PAPER. MW 10.0 VIS 30

MUD PROGRAM SUBJECT TO CHANGE DUE TO HOLE CONDITIONS

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

24.

SIGNED

Randall Harris

TITLE

Geologist

DATE

3/2/97

(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

ORIG. SGT. TONY L. FERGUSON

TITLE

ADM. MINERALS

DATE

4-8-97

TITLE 18 U.S.C. SECTION 1001, MAKES IT A CRIME FOR ANY PERSONS KNOWINGLY AND WILLFULLY TO MAKE TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES ANY FALSE, FICTITIOUS OR FRAUDULENT STATEMENTS OR REPRESENTATIONS AS TO ANY MATTER WITHIN ITS JURISDICTION

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 2088, Santa Fe, NM 87504-2088

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

API Number		Pool Code	Pool Name <i>SITU GART</i>
Property Code	Property Name Taylor Unit		Well Number 19
OGRID No.	Operator Name Ray Westall, Operator		Elevation 3742

10 Surface Location

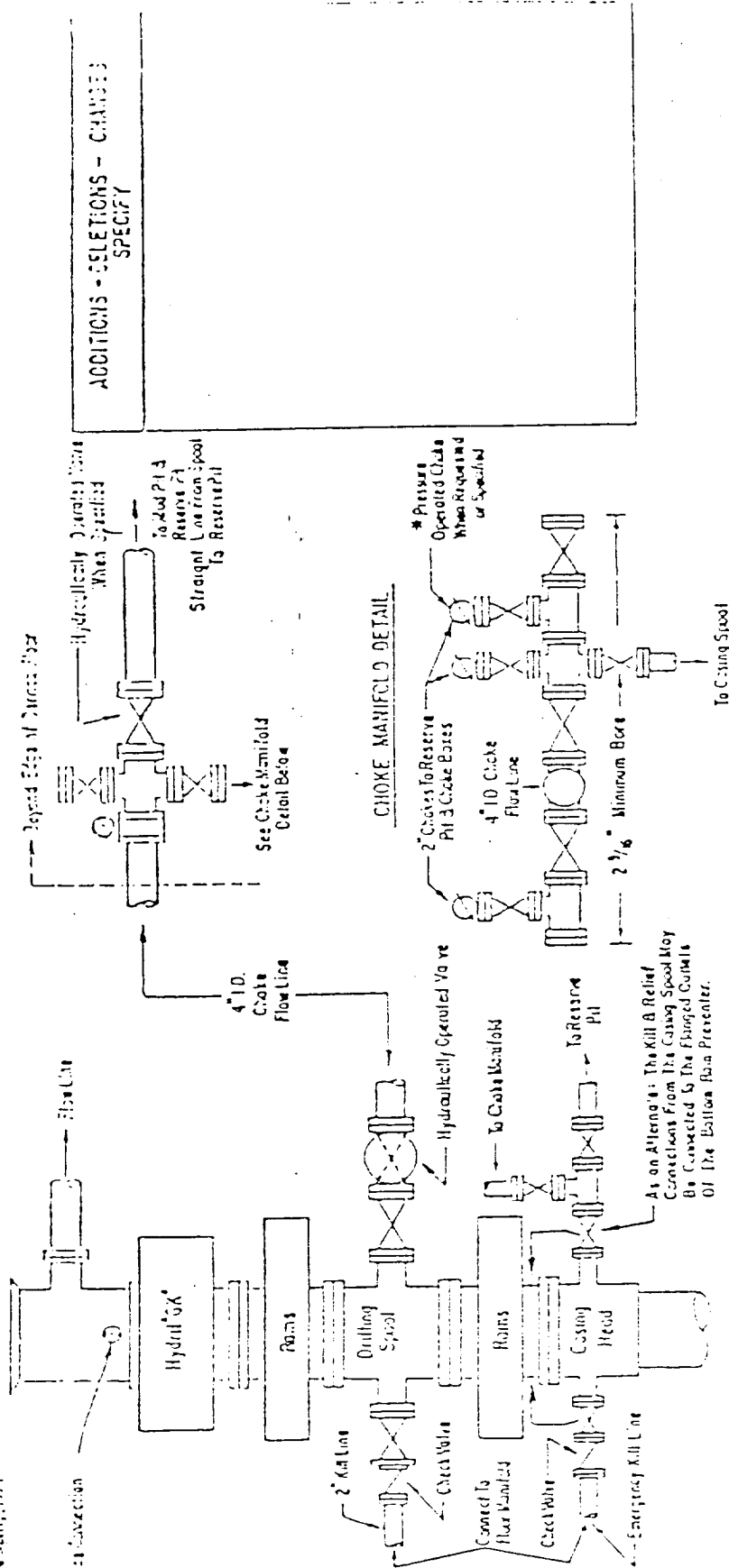
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
C	13	18s	31e		1300	North	1350	West	Eddy

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres		Joint or Infill		Consolidation Code		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	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief Signature: <i>[Signature]</i> Printed Name: <i>RANDALL HARRIS</i> Title: <i>GEOLOGIST</i> Date: <i>3/7/97</i>	
	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. Date of Survey: <i>December 27, 1996</i> Signature and Seal of Professional Surveyor: <i>[Signature]</i> <i>P. R. Patton</i> Certificate Number: <i>8112</i>	



The blowout preventer assembly shall consist of one blind ram preventer and one pipe ram preventer, both hydraulically operated, a Hydril "OK" 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 runs to fit the preventers 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 oil or gas drilling. The substructure height shall be sufficient to install a rotating blowout preventer.

Minimum operating equipment for the preventer or hydraulically operated valves shall be as follows: (1) Multiple pumps, driven by a suitable source of power, capable of fluid changing 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 will be stored in the accumulators and be sufficient to close all the pressure-operated devices simultaneously within 30 seconds after closure, the remaining accumulator pressure shall be not less than 1000 PSI with the remaining accumulator fluid volume at least 10 percent of the original. (3) When equipped, an additional source of power, remote and applicable, is to be available to operate the closure pumps, or there shall be additional pumps operated by separate power and equal in performance capabilities.

The choke 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 position. A pressure reducer and regulator must be provided for operating the Hydril preventer. When required, a seal and pressure reducer shall be available to limit operating fluid pressures to non-pressure areas.

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. Entry and exit valves are to be maintained to the choke manifold. All valves are to be located 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 deck substructure. All other valves are to be equipped with handles.

ADDITIONS - DELETIONS - CHANGES SPECIFY