

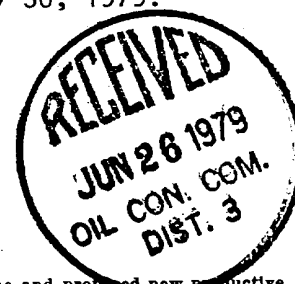
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. NM-03605	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR William C. Russell			7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 745 Fifth Avenue New York, New York 10022			8. FARM OR LEASE NAME Marron	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) At surface 1980 FSL, 1960 FWL Sec 23 At proposed prod. zone			9. WELL NO. 95	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 18 miles south of Blanco, New Mexico			10. FIELD AND POOL, OR WILDCAT Largo Chacra	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 680			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 23, T27N, R8W NMPM	
16. NO. OF ACRES IN LEASE 320			12. COUNTY OR PARISH San Juan	
17. NO. OF ACRES ASSIGNED TO THIS WELL 160			13. STATE New Mexico	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 600			19. PROPOSED DEPTH 3300	
20. ROTARY OR CABLE TOOLS Rotary			21. APPROX. DATE WORK WILL START* August 1, 1979	
22. ELEVATIONS (Show whether DF, RT, GR, etc.) 5931 GR				
23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11	8 5/8 (new)	24	210	250
7 7/8	4 1/2 (new)	11.6	3300	1000

Operator proposes to drill a Chacra test.
See attached 10-point program and supplemental papers.
This is a resubmittal of 9-331C submitted on May 30, 1979.
On-site inspection was conducted May 21, 1979.

given in letter



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 [Signature] TITLE Assistant Operations Mgr.
K & A, Inc. DATE 6-22-79
(This space for Federal or State office use) for W.C. Russell

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

ok [Signature]

NYMOC

*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-101
Supersedes C-12P
Effective 1-1-77

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

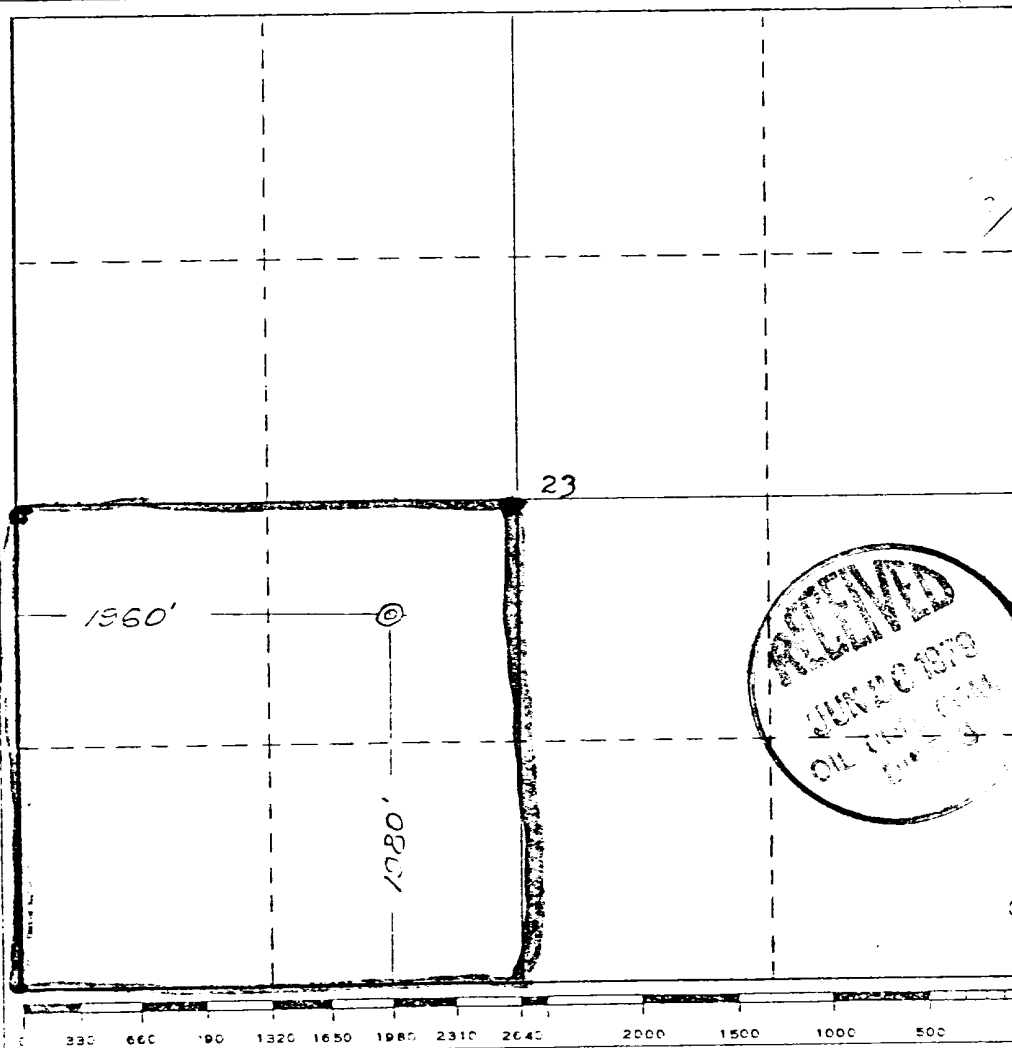
Operator WILLIAM C. RUSSELL			Lease MARRON (NM-03605)		Well No. 95
Unit Letter K	Section 23	Township 27 NORTH	Range 8 WEST	County SAN JUAN	
Actual Fortable Location of Well: 1980 feet from the SOUTH line and 1960 feet from the WEST line					
Ground Level Elev. / 5931	Producing Formation Chacra		Pool Largo	Dedicated Acreage: 160 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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.

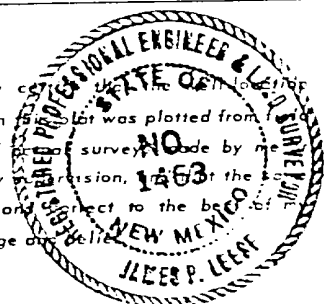
Name
William C. Russell

Position
Operator

Company
Independent

Date
May 7, 1979

I hereby certify that the information shown on this plat was plotted from notes of a survey made by me under my supervision, and that the same is true and correct to the best of my knowledge and belief.



Date Surveyed
28 April 1979

Registered Professional Engineer
and Land Surveyor

James P. Leese

Certificate No.
1463



MINERALS MANAGEMENT

555 17TH STREET • SUITE 2360 ANACONDA TOWER • DENVER, COLORADO 80202 • 303/825-7722

Supplemental Information Application for Permit to Drill

William C. Russell
Marron Well No. 95
NE, SW, Sec 23, T 27N, R 8W
San Juan County, New Mexico

1. The surface formation is the Wasatch.
2. Estimated tops are approximately

Ojo Alamo	1220
Kirtland	1360
Fruitland	1745
Pictured Cliffs	2050
Lewis Shale	2135
Chacra	3030

3. The Ojo Alamo is the only water bearing sand to be penetrated. The Pictured Cliffs is producing in the offset well No. 39.
4. 8 5/8" OD, 24 lb., K-55 casing will be cemented at 210' from surface. Production casing will be 4 1/2" OD, 11.6 lb., K-55. All casing will be new.
5. Pressure control equipment will consist of 10" 900 series (3000 psi WP) double-ram blowout preventers which will be installed and tested to 500 psi prior to drilling cement from the surface pipe. Operation will be tested daily and blind rams operated on trips.
6. Lime-gel slurry will be used to drill the surface hole and native mud supplemented with gel will be used for circulating media throughout the drilling operations. Vis. 28 - 35, Wt. 8.9 - 9.5.

HOUSTON
3430 Entex Building
1200 Milam Street
Houston, Texas 77002
(713) 658-0537
Cable: KEPET Telex: 762-324

TULSA
320 South Boston
Suite 320
Tulsa, Oklahoma 74103
(918) 587-5115

CASPER
Energy II Building, Suite 250
951 West Werner Court
Casper, Wyoming 82601
(307) 265-4960

7. Auxiliary equipment to be used will consist of a full opening drill pipe valve sub on the floor and possible use of a float at the bit.
8. An Induction log will be run from TD to the base of surface pipe. Compensated Neutron-Formation Density log will be run through selected intervals.
9. No abnormal pressures or temperatures are anticipated.
10. Drilling is planned to commence on August 1, 1979.