Form 3160-3 (July 1989) (formerly 9-331C)

2. NAME OF OFERATOR

3. ADDRESS OF OPERATOR

Kevin O. Butler

N. M. OIL COMSOFTER P. O. BOX 1980 OPIES ADVIRED

N1060-3160-2

UNITED STATES HOBBS, NEW WEXES 188240 DEPARTMENT OF THE INTERIOR

	THE HALL	אטוא
BU	IREAU OF LAND MANAGEME	-NT
APPLICATION FOR P	ERMIT TO DRILL DEF	PEN OF BLUC BACK
T. TYPE OF WORK	100,000	CITY ON PLUG BACK
DRILL X	DEEPEN [PLUG BACK
OIL GAR WELL MAME OF OPERATOR		RINGLE X MULTIPLE ZONE

5.	LEASE DESIGNATION AND SERIAL NO.
	NM-31210
6.	IF INDIAN, ALLOTTER OR TRIPE

	7. UNIT AGREEMENT I	AMB				
	8. FARM OR LEASE NA	Ma				
No.	Chaveroo "A	" Federal				
	9. WELL NO.					
	2					
	Undesignate	d Chaveroo-				
	San Andres 11. sac., T., R., M., OR I	lf.gr				
_	Sec. 15, T.	8.S, R.33.E				
	12. COUNTY OR PARIER	18. STATE				
	Chaves	New Mexico				

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) 660' FNL and 660' FWL of Section 15 At proposed prod. zone 14. DIRTANCE IN MILEN AND DIRECTION FROM NEAREST TOWN OR FOST OFFICE

13 Miles west of Milnesand, New Mexico

10. DISTANCE FROM PROPUSED*

LOCATION TO NEARERT
PROPERTY OR LEASE LINE, FT.
(Also to bearest drig, unit line, if any) 660'

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. 1320'

P. O. Box 1171, Midland, TX 79702

16. NO. OF ACRES IN LEASE NO. OF ACRES ASSIGNED TO THIS WELL 480 19. PROPORED DEPTH 20. ROTARY OR CABLE TOOLS

Area Code & Phone

915-682-1178

1320' 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4350'

22. APPROX. DATE WORK WILL START* Upon Approval

WELLDON BITCHNITTON THEORIM

Rotary

438**%.** # GR

PROPOSED CASING AND CEMENTING PROGRAM

HOLE SIZE	CACINO ALT		TO KAM			
	CASING SIZE	WE IGHT/FOOT	GRADE	THREAD TYPE	***************************************	
124	8-5/8''	24#		THE THE	BETTING DEPTH	GRANTITY OF CEMENT
7-7/8"	5-1/21				400'	Suf. to Circulate
	<u> </u>	15.5#			4350'	
		•	•			Suf. to Tie-Back
·	· '	'		Į į		Ĭ.

Producing zone will be perforated and stimulated as necessary.

See attached for:

DVANCE. 18 U.S.C. Section 1001, makes it a crime for any person knowledge and willfull.

Supplemental Drilling Data

BOP Sketch

Surface Use and Operations Plan

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive sone 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 Operator TITI, K (This space for Federal or State office use) PERMIT NO APPROVED BY CONDITIONS OF APPROVAL, IF ANY : PLEASE BE ADVISED T DIT THERE WILL BE NO EXCAVATION HOT WARRANT OR OF FEDERALLY OWNED TO PERAL MATERIAL FOR CONSTRUC-CERTIFY THAT THE TION OF THE ACCESS ROAD OR PAD WITHOUT PAYMENT On REVENTILE THE APPLICAL. OR EQUITABLE

WC

23.

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Submit to Appropriate District Office State Lease - 4 copies Fee Lease - 3 copies

State of New Mexico

Form C-102 Revised 1-1-89

OIL CONSERVATION DIVISION

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

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

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT All Distances must be from the outer boundaries of the section

Wall No 44.00 f Q CHAVEROO (FED. A) KEVIN O. BUTLER County Section Township Unit Letter CHAVES 8 SOUTH 33 EAST 15 NMPM D Actual Footage Location of Well: feet from the WEST 660 NORTH 660 feet from the line and Dedicated Acreage: Prof **Producing Formation** Ground level Elev. Undesig. Chaveroo - San Andres 40 Acres 4388.1 San Andres 1. Outline the acreege dedicated to the subject well by colored pencil or hackure 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.? If answer is "yes" type of consolidation ∏ No If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if neccessary. No allowable will be assigned to the well until all interests here 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 n in true and complete to the best of my browledge and belief. 74387 -660 4387.3 _ _ _ 4387. Kevin O. Butler Printed Name 0wner **Position** Kevin O. Butler & Assoc Company SURVEYOR CERTIFICATION I hereby certify that the well location show on this plat was plotted from field notes of actual surveys made by me or under my supervison, and that the same is true and correct to the best of my knowledge and belief. Date Surveyed 10-22-91 Signature & Seal of Professional Surveyor LAED LAND 3239 1320 1650 1980 2310 2640 2000 1500 1000

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SUPPLEMENTAL DRILLING DATA

KEYIN O. BUTLER WELL NO. 2 CHAVEROO "A" FEDERAL

- 1. SURFACE FORMATION: Ogallala
- 2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

Rustler Anhydrite	18481
Tansil	22501
Yates	2380
7-Rivers	25481
Queen	30411
Grayburg	33401
San Andres	35491

3. ANTICIPATED POSSIBLE HYDROCARBON BEARING ZONES:

San Andres

Oil

4. PROPOSED CASING AND CEMENTING PROGRAM:

8 5/8 " casing will be cemented with approximately 150 sacks of Class "C" cement. Cement to circulate.

5 1/2" casing will be cemented with approximately 500 sacks of Light cement tailed in with 150 sacks of Class "C" cement. Cement calculated to tie back.

5. PRESSURE CONTROL EQUIPMENT:

Blowout prevention equipment, while drilling below the 8 5/8" casing seat, will be a double ram, 3000 psi working pressure presenter. (Used as 2M system)

A BOP sketch is attached.

6. <u>CIRCULATING MEDIUM</u>:

Surface to 400 feet: Fresh water with gel or lime as needed for viscosity control.

400 feet to total depth:

Water base drilling fluid conditioned as necessary for control of viscosity, pH weight and water-loss.

7. AUXILIARY EQUIPMENT:

Drill string safety valves will be maintained on the rig floor while drilling operations are in progress.

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8. TESTING, LOGGING, AND CORING PROGRAMS:

Drill stem tests will be made when samples, drilling time, and other data indicates a test is warranted.

It is planned that electric logs will include ${\tt GR-CNL-FDC}$ logs and dual leterologs.

No coring is planned.

9. ABNORMAL PRESSURES, TEMPERATURES, OR HYDROGEN SULFIDE GAS:

No abnormal pressures or temperatures are anticipated.

10. ANTICIPATED STARTING DATE:

It is planned that work will commence as soon as this application is approved, with drilling and completion operations lasting about 30 days.

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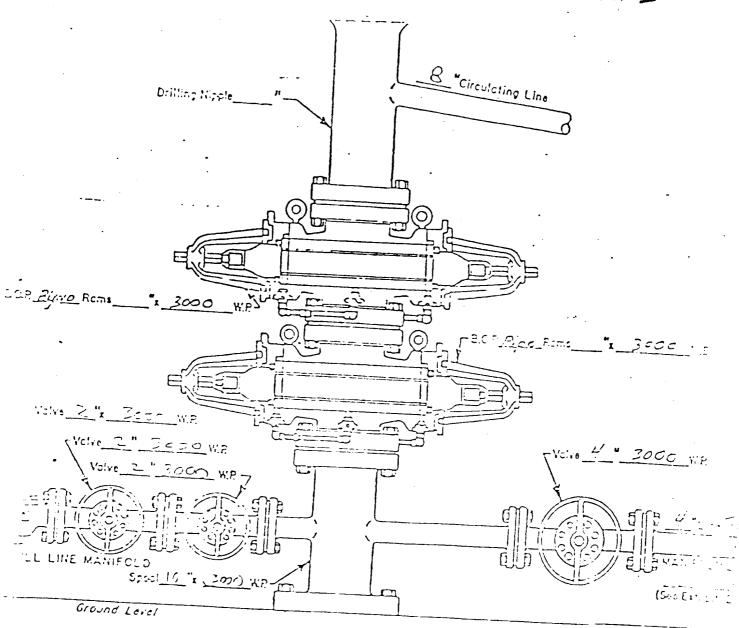
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WELL NAME: Well No. 2 Chaveroo "A" Federal

Location: 660' FNL & 660' FWL Sec. 15, T. 8. S., R. 33 E.

Chaves County, New Mexico

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WELL FEAD BOR

Used as 2M system)

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