Form 3160-3

30-015-27251

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK	(November 1983) (formerly 9-331C)	DEPARTMEN	TED STATES	TERIOR 88210	ide)	Expires Aug	ed. au No. 1004-0136 sust 31, 1985 TON AND SERIAL NO.
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK THE OF WORK CASE C					1		0.(1)
DRILL W DEEPEN DIVISION OF ACRES ASSIGNANT OF ACRES IN LEASE IN LEASE TO PROPOSED CASING AND CEMENTING PROGRAM SECRETOR'S PORT OF SETTING DEFTH OF ACRES ASSIGNANT OF	APPLICATIO	N FOR PERMIT	TO DRILL, DE	EPEN OR PLUG P	RACK	6. IF INDIAN, ALLO	TTEB OR TRIBE NAME
NAME OF OPERATOR Yates Petroleum Corporation 3. ADDIES OF OPERATOR 105 SOUTH FOURTh Street Artesia, New Mexico 88210 105 SOUTH FOURTh Street Artesia, New Mexico 88210 106 SOUTH FOURTh Street Artesia, New Mexico 88210 107 FILL DAND FOOL, OR WILDCAT Unit J; 1980' FSL and 1830' FEL At proposed prod. sone Same 11. DISTANCE IN MILES AND DIRECTION FROM NRABERT TOWN OR POST OFFICE' 12. COUNTY OR PARISH 13. STATE Eddy NM 13. DISTANCE IN MILES AND DIRECTION FROM NRABERT TOWN OR POST OFFICE' 14. DISTANCE IN MILES AND DIRECTION FROM NRABERT TOWN OR POST OFFICE' 15. DISTANCE FROM PROPOSED IN FORM PROPOSED LOCATION' 16. NO. OF ACRES IN LEASE 17. NO. OF ACRES ASSIGNED PROPOSED LOCATION' 18. DISTANCE FROM PROPOSED LOCATION' 19. PROPOSED DEFTH 20. ROTARY OR CABLE WOLL AND TO THIS WELL 40 19. PROPOSED DEFTH 20. ROTARY OR CABLE WOLL AND TO THIS WELL 40 21. LEFFATIONS (Show whether DF, RT, GR, etc.) 3449' GR 22. APPROV. DATE WORK WILL START' ASAP PROPOSED CASING AND CEMENTING PROGRAM Secretary'S Potash R. 11: P Potash SIZE OF ROLE SIZE OF CASING WEIGHT PER FOOT SIZE OF ROLE SIZE OF CASING WEIGHT PER FOOT SIZE OF ROLE SIZE OF CASING WEIGHT PER FOOT SIZE OF ROLE SIZE OF CASING WEIGHT PER FOOT SIZE OF ROLE SIZE OF CASING WEIGHT PER FOOT SIZE OF ROLE SIZE OF CASING WEIGHT PER FOOT SIZE OF ROLE SIZE OF CASING WEIGHT PER FOOT SIZE OF ROLE SIZE OF CASING WEIGHT PER FOOT SIZE OF ROLE SIZE OF CASING WEIGHT PER FOOT SIZE OF ROLE SIZE OF CASING WEIGHT PER FOOT SIZE OF ROLE SIZE OF CASING WEIGHT PER FOOT SIZE OF ROLE SIZE OF CASING WEIGHT PER FOOT SIZE OF ROLE SIZE OF CASING WEIGHT PER FOOT SIZE OF ROLE SIZE OF ROLE SIZE OF CASING WEIGHT PER FOOT SIZE OF ROLE SIZE OF CASING WEIGHT PER FOOT SIZE OF ROLE SIZE OF CASING WEIGHT PER FOOT SIZE OF ROLE SIZE OF CASING WEIGHT PER FOOT SIZE OF ROLE SIZE OF CASING WEIGHT PER FOOT SIZE OF ROLE SIZE OF CASING WEIGHT PER FOOT SIZE OF CASING TO NOT ACTER AND TOWN	b. Type of well						
Adeline "ALN" Federal 7 Adeline "ALN" Federal 9. Well No. 10 10.5 South Fourth Street Artesia, New Mexico 88210 10 10.5 Fourth Fourth Street Artesia, New Mexico 88210 10 10.5 Field and Fool, on wildcar 10 10.7 Field and Fool, on wildcar Wildcar Delaware 11.5 Bec. T. A. M. On BLEA. And Proposed prod. Sone Same Same Sec. 6-T24S-R31E 12. COUNTY OF PARISH 13. STATE 24 miles northeast of Loving, New Mexico 13. DISTANCE FROM PROFORDS 14. DISTANCE FROM PROFORDS 15. DISTANCE FROM PROFORD LOCATION* 15. DISTANCE FROM PROFORD LOCATION* 16. No. OF ACRES IN LEASE 17. No. OF ACRES ASSIGNED 18. DISTANCE FROM PROFORD LOCATION* 19. FROPOSED DEPTH 20. ROTART OR CABLE TOOLS NO APPLIED FOOL ON THIS SEAS, Tr. 8200' ROTART OR CABLE TOOLS 3.449' GR 22. AFFROM. DATE WORK WILL STATE* 24. AFFROM. DATE WORK WILL STATE* 17. No. OF ACRES ASSIGNED 18. DISTANCE FROM PROFORD LOCATION* 19. FROPOSED DEPTH 20. ROTART OR CABLE TOOLS ROTART OR CABLE TOOLS ROTART 22. AFFROM. DATE WORK WILL STATE* ASAP 23. PROPOSED CASING AND CEMENTING PROGRAM Secretary'S Potash R. 11: P Potash 22. AFFROM. DATE WORK WILL STATE* ASAP 23. PROPOSED CASING AND CEMENTING PROGRAM Secretary'S Potash R. 11: P Potash 3. APPLY STATE OF THE WORK WILL STATE* ASAP 23. PROPOSED CASING AND CEMENTING PROGRAM SEcretary'S Potash R. 11: P Potash 3. APPLY STATE WORK WILL STATE* ASAP 3. The Back to 8 5/8" 32.0# 4200' Circulate - 1250 Sacks 11." 8 5/8" 32.0# 4200' Circulate - 1250 Sacks 7 7/8" 5 1/2" 17 6 6 7 TD 15.5	WELL X		ν		LE	8. FARM OR LEASE	NAME
3. ADDRESS OF OPERATOR 105 South Fourth Street Artesia, New Mexico 88210 10 10. FIELD AND FOOL, OR WILLDAY Wildcat Delaware 11. PIELD AND FOOL, OR WILLDAY Wildcat Delaware 11. REC., T., M., N. OR BLEA. ARD PROPOSED Prod. Sone Same 12. PROPOSED FOOL SONE 13. DISTANCE FROM PROPOSED LOCATION: 15. DISTANCE FROM PROPOSED LOCATION: 16. NO. OF ACRES IN LEASE 17. NO. OF ACRES ASSIGNED 17. NO. OF ACRES ASSIGNED 18. DISTANCE FROM PROPOSED LOCATION: 19. DISTANCE FROM PROPOSED LOCATION: 19. DISTANCE FROM PROPOSED LOCATION: 19. DISTANCE FROM PROPOSED LOCATION: 105. DISTANCE FROM PROPOSED LOCATION: 105. DISTANCE FROM PROPOSED LOCATION: 106. NO. OF ACRES AND LOCATION: 107. PROPOSED LOCATION: 108. DISTANCE FROM PROPOSED LOCATION: 109. DISTANCE FROM PROPOSED LOCATION: 100. DISTANCE ROM PROPOSED 100. DISTAN	· · ·			1:0-19	199Z		
105 South Fourth Street Artesia, New Mexico 88210 106 FILL AND FOOL, OR WILDCAT 107 FILLD AND FOOL, OR WILDCAT 107 FILLD AND FOOL, OR WILDCAT 108 FILLD AND FOOL, OR WILDCAT 109 FILLD AND FOOL, OR WILDCAT 110 FILLD AND FOOL, OR WILDCAT 111 SEC. T. R. M. OR MEX. AND SURVEY OR AREA 112 COUNTY OR PARISH 113 STATE 24 MILES AND DIRECTION FROM NEAREST TOWN OR FOST OFFICE* 14 DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR FOST OFFICE* 15 DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR FOST OFFICE* 16 NO. OF ACRES IN LEASE 17 NO. OF ACRES ASSIGNED 18 DISTANCE FROM PROPOSED* 19 PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR AFFILED FOR, OR THIS LEASE, FT. 19 PROPOSED LOCATION* 10 NEMBERST WELL, DRILLING, COMPLETED, OR AFFILED FOR, OR THIS LEASE, FT. 21 REVALUENCE (Show whether DF, RT, GR. etc.) 3449' GR 22 APPROX. DATE WORK WILL START* 17 1/2" 13 3/8" 17 1/2" 13 3/8" 17 1/2" 18 5/8" 32.0# 18 DISTANCE FROM PROPOSED LOCATION* 19 PROPOSED CASING AND CEMENTING PROGRAM SECRETORY'S POTASH R-11'-P POTA 22 APPROX. DATE WORK WILL START* 3449' GR 23 PROPOSED CASING AND CEMENTING PROGRAM SECRETORY'S POTASH R-11'-P POTA SIZE OF HOLE SIZE OF HOLE SIZE OF HOLE SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH QUANTITY OF CHENT 17 1/2" 13 3/8" 54.5# 500' Circulate - 500 Sacks 11" TO THE BEACK TO. S. W. WILL START* TO ELECTRON OF MENT 17 1/2" 18 DISTANCE TO PARISH 10 START ROTATION OF ACRES ANSIGNED 18 DISTANCE TO PARISH 11 START 20 ROTARY OR CABLE 10 OF HIS WILL 10 OF HIS WILL 11 SEC. T. R. AND SIZE 11. SEC. T. R. AND SIZE 12 COUNTY OR PARISH 13. SPATE 14. AND SUBVET OR AREA 15. C. T. M. AND SIZE 16. NO. OF ACRES IN LEASE 17. NO. OF ACRES ASSIGNED 20 OF HIS WILL 18 DISTANCE TO PARISH 19 PROFOSED CASING ON DEPTH 20. ROTARY OR CABLE 10. SET OF TO PARISH 11. S. D. T. M. AND SIZE 12. COUNTY OR PARISH 13. SPATE 14. NO. OF ACRES ASSIGNED 15. NO. OF ACRES ASSIGNED 16. NO. OF ACRES ASSIGNED 17. NO. OF ACRES ASSIGNED 18. DEPTHS OF ACRES		um Corporation	<i>V</i>	ا معرید	_	9. WELL NO.	ibit rederar
Wildcat Delaware Wildcat Del		_		0.6	gen F	10	
Unit J; 1980' FSL and 1830' FEL At proposed prod. some Same Same Sec. 6-T24S-R31E 11. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR FOST OFFICE' 24 miles northeast of Loving, New Mexico Beddy NM 15. DISTANCE FROM PROPOSED' PROPOSED TO LEASE IN LEASE TO THIS WELL 40 17. NO. OF ACRES ASSIGNED TO THIS WELL 40 SIZE OF ROLE 17. NO. OF ACRES ASSIGNED TO THIS WELL 40 18. NO. OF ACRES IN LEASE 17. NO. OF ACRES ASSIGNED TO THIS WELL 40 20. ROTAL OR CABLE TOOLS ROLARY 21. LEVATIONS (Show whether DF, RT, GR. etc.) 3449' GR 22. APPROX. DATE WORK WILL START' ASAP 23. PROPOSED CASING AND CEMENTING PROGRAM Secretary's Potash R-117-P Pot SIZE OF ROLE SIZE OF ROLE SIZE OF ROLE SIZE OF ROLE 17. 1/2" 13. 3/8" 54.5# 500' Circulate - 500 Sacks 11" 8 5/8" 32.0# 4200' SETTING DEPTH QUANTITY OF CHMENT 17. 7/8" 5 1/2" 17. S. S. TD Tie Back to 8 5/8" - 900 sacks Fleest 200' Yates Petroleum Corporation proposes to drill and test the Delaware and intermediate formations. Approximately 500' of surface casing will be set and cement circulated. Approximately 4200' of intermediate casing will be set and cement circulated. Approximately 4200' of intermediate casing will be set and cement circulated. If commercial, production casing will be run and cemented with adequate cover, perforated and stimulated as needed for production. MUD PROGRAM: Native mud to 500'; Brine to 4200'; cut Brine to 6500'; Starch/cut Brine to TD. BOP PROGRAM: BOP will be installed on the 13 3/8" casing and tested daily for	105 South Fou	rth Street Arte	sia, New Mexi	co 88210	-	10. FIELD AND POO	L, OR WILDCAT
Unit J; 1980' FSL and 1830' FEL At proposed prod. come Same 14. Distance in Miles and Direction from Nearest town or Post office* 15. Count or Parish 12. Count or Parish 13. State 24 miles northeset of Loving, New Mexico 16. No. Of Acres in Lease 17. No. Of Acres assigned 10. Distance from Proposed Location to Nearest rown or Post office* Location to Nearest rown lease Line, ft. 640 17. No. Of Acres assigned 18. State 18. State 19. S	Suriage (R	seport location clearly and	d in accordance with a	iny State requirements.*)		₩ildcat Delaware	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 24 miles northeast of Loving, New Mexico 15. DISTANCE FROM PROPOSED 10 LOVING, New Mexico 16. NO. OF ACRES IN LEASE 17. NO. OF ACRES ASSIGNED TO THIS WELL 40 18. DISTANCE FROM PROPOSED LOCATION* 19. PROPOSED DEPTH 20. ROTART OR CABLE TOOLS 19. PROPOSED DEPTH 20. ROTART OR CABLE TOOLS 19. PROPOSED DEPTH 22. APPROX. DATE WORK WILL START* 3449' GR 23. PROPOSED CASING AND CEMENTING PROGRAM Secretary's Potash R. 11:-P Potasion of the proposed potasion of the potasio	Unit J; 1980'. At proposed prod. zor	FSL and 1830'	FEL		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA		OR BLK.
24 miles northeast of Loving, New Mexico 15. Distance from Proposed 1.5. Proposed 1.5. Proposed 1.5. Proposed Locations of Names 1.5. Proposed Locations 1.5. Proposed Locati						Sec. 6-T24	4S-R31E
15. DISTANCE FROM PROPOSED: 10. No. OF ACRES IN LEASE 17. No. OF ACRES ASSIGNED TO THIS WELL 40 10. No. OF ACRES TO THE ACRE				FFICE*	1	2. COUNTY OR PARI	ISH 13. STATE
DOCATION TO NEAREST PROPERTY ON LEASE LINE, PT. 640 13. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FROM THIS MELL, DRILLING, COMPLETED, OR APPLIED FROM THIS LEASE, PT. 8200' 20. ROTARY OR CABLE TOOLS ROTARY 21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3449' GR 23. PROPOSED CASING AND CEMENTING PROGRAM Secretary's Potash R-117-P Potash 17 1/2" 13 3/8" 54.5# 500' 11." 8 5/8" 32.0# 4200' Yates Petroleum Corporation proposes to drill and test the Delaware and intermediate formations. Approximately 500' of surface casing will be set and cement circulated. Approximately 4200' of intermediate casing will be set and cement circulated. Approximately 4200' of intermediate casing will be set and cement circulated. If commercial, production casing will be run and cemented with adequate cover, perforated and stimulated as needed for production. MUD PROGRAM: Native mud to 500'; Brine to 4200'; cut Brine to 6500'; Starch/cut Brine to TD. BOP PROGRAM: BOP will be installed on the 13 3/8" casing and tested daily for	24 miles nort	heast of Loving				Eddy	NM
TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3449' GR 22. APPROX. DATE WORK WILL START* ASAP PROPOSED CASING AND CEMENTING PROGRAM Secretary'S Potash R-11:-P Pote SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH QUANTITY OF CHMENT 17 1/2" 13 3/8" 54.5# 500' Circulate - 500 sacks 11" 8 5/8" 32.0# 4200' Circulate - 1250 sacks 7 7/8" 5 1/2" 17 & TD Tie Back to 8 5/8" - 900 sack Yates Petroleum Corporation proposes to drill and test the Delaware and intermediate formations. Approximately 500' of surface casing will be set and cement circulated. Approximately 4200' of intermediate casing will be set and cement circulated. If commercial, production casing will be run and cemented with adequate cover, perforated and stimulated as needed for production. MUD PROGRAM: Native mud to 500'; Brine to 4200'; cut Brine to 6500'; Starch/cut Brine to TD. BOP PROGRAM: BOP will be installed on the 13 3/8" casing and tested daily for	LOCATION TO NEARES: PROPERTY OR LEASE I (Also to nearest dright)	T LINE, FT. g. unit line, if any)			TO THIS WELL		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3449' GR PROPOSED CASING AND CEMENTING PROGRAM Secretary's Potash R-11:-P Pote SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH QUANTITY OF CEMENT 17 1/2" 13 3/8" 54.5# 500' Circulate - 500 sacks 11" 8 5/8" 32.0# 4200' Circulate - 1250 sacks 7 7/8" 5 1/2" 17 & TD Tie Back ato. 8 5/8" - 900 sack Yates Petroleum Corporation proposes to drill and test the Delaware and intermediate formations. Approximately 500' of surface casing will be set and cement circulated. Approximately 4200' of intermediate casing will be set and cement circulated. If commercial, production casing will be run and cemented with adequate cover, perforated and stimulated as needed for production. MUD PROGRAM: Native mud to 500'; Brine to 4200'; cut Brine to 6500'; Starch/cut Brine to TD. BOP PROGRAM: BOP will be installed on the 13 3/8" casing and tested daily for	TO NEAREST WELL, D	RILLING, COMPLETED.	19		i		
PROPOSED CASING AND CEMENTING PROGRAM Secretary's Potash R-11:-P Potantial Program Secretary's Potash R-11:-P P		ether DF, RT, GR, etc.)		0.000	1 Rocal	22. APPROX. DATE	WORK WILL START
SIZE OF HOLE SIZE OF CASING	23.		PROPOSED CASING	AND CEMENTING PROCESS	. Carata		75
17 1/2" 13 3/8" 54.5# 500' Circulate - 500 sacks Circulate - 1250 sacks Tie Back to 8 5/8" - 900 sack Cleast 200' Yates Petroleum Corporation proposes to drill and test the Delaware and intermediate formations. Approximately 500' of surface casing will be set and cement circulated. Approximately 4200' of intermediate casing will be set and cement circulated. If commercial, production casing will be run and cemented with adequate cover, perforated and stimulated as needed for production. MUD PROGRAM: Native mud to 500'; Brine to 4200'; cut Brine to 6500'; Starch/cut Brine to TD.	SIZE OF HOLE	SIZE OF CARING	1		- Jecreto		13 1 1 1 1 1 1 1 1 1 1 1 1 1 1
11" 8 5/8" 32.0# 4200' The Back to 8 5/8" - 900 sacks Circulate - 1250 sacks Tie Back to 8 5/8" - 900 sack Gleast 200' Yates Petroleum Corporation proposes to drill and test the Delaware and intermediate formations. Approximately 500' of surface casing will be set and cement circulated. Approximately 4200' of intermediate casing will be set and cement circulated. If commercial, production casing will be run and cemented with adequate cover, perforated and stimulated as needed for production. MUD PROGRAM: Native mud to 500'; Brine to 4200'; cut Brine to 6500'; Starch/cut Brine to TD. BOP PROGRAM: BOP will be installed on the 13 3/8" casing and tested daily for	17 1/2"	[
7 7/8" 5 1/2" 17 & TD Tie Back to 8 5/8" - 900 sack Gleast 200' Yates Petroleum Corporation proposes to drill and test the Delaware and intermediate formations. Approximately 500' of surface casing will be set and cement circulated. Approximately 4200' of intermediate casing will be set and cement circulated. If commercial, production casing will be run and cemented with adequate cover, perforated and stimulated as needed for production. MUD PROGRAM: Native mud to 500'; Brine to 4200'; cut Brine to 6500'; Starch/cut Brine to TD. BOP PROGRAM: BOP will be installed on the 13 3/8" casing and tested daily for	11"	_ 	ļ—				
Yates Petroleum Corporation proposes to drill and test the Delaware and intermediate formations. Approximately 500' of surface casing will be set and cement circulated. Approximately 4200' of intermediate casing will be set and cement circulated. If commercial, production casing will be run and cemented with adequate cover, perforated and stimulated as needed for production. MUD PROGRAM: Native mud to 500'; Brine to 4200'; cut Brine to 6500'; Starch/cut Brine to TD. BOP PROGRAM: BOP will be installed on the 13 3/8" casing and tested daily for	7 7/8"		17 &	TD	Tie Back to 8 5/8" - 900 sacks		
DOT	formation Approxima commercia and stimu MUD PROGR	s. Approximate tely 4200' of i l, production o lated as needed AM: Native mud Brine to T AM: BOP will b	ly 500' of suntermediate casing will be for production to 500'; Brid. e installed co	erface casing will casing will be set erun and cemented on. ne to 4200'; cut	be set and cem with ad Brine to	and cement ment circulated dequate cover 0 6500'; Sta	circulated. ated. If er,perforated arch/cut

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.

SIGNED Clifty R. May	TITLE Permit Agent	9-28-92
(This space for Federal or State office use) PERMIT NO.	APPROVAL DATE	
APPROVED BYPPROVAD BYPPROVAD SUBJECT TO IT ANY:	TITLE	DATE 12-4-92

GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS

*See Instructions On Reverse Side