Form 3160-3 (November 1983)

SUBMIT IN TRIPL

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

Dras UNITED STATES (Other instructions on reverse side)

DEPARTMENT OF THE INTERIORE IVED (formerly 9--331C)

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5.	LEASE DESIGNATION AND SERIAL NO.
	USA-Lease #0540294-2
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AMERICAN RELATIONS AND CONTROL TO STATE OF THE PROPOSED CASING AND CEMENTING PROCESS  Service of Process of the	OIL C	.a —		AREmore					
Pacific Enterprises Oil Co. (USA)  PROCESSOR 3083, Midland, Texas 79702  LOCATION OF WALL (Right Institute Century and in accordance with any State requiremental)  1980' FNL 5 660' FWL ACCORDING THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE STATE OF THE STATE OF	WELL W	ELL K OTHER		ZONE			-		
P. O. Box 3083, Midland, Texas 79702  P. O. Box 4084, Midland, Texas 79702  P. D. Box 4084, Midland, Texas 79702  P. P. D. Box 4084, Midland, Texas 79702  P. P. P. D. Box 4084, Midland, Texas 79702  P. P. P. P. D. Box 4084, Midland, Texas 79702  P. P. P. P. P. D. P. Midland, Texas 79702  P. P. P. P. P. P. P. P. Midland, Texas 79702  P. P. P. P. P. P. P. P. Midland, Texas 79702  P. Midland, Texas 79702  P. P				1			1	Comm 21	
P. O. Box 3083, Midland, Texas 79702  Declaroof of Wall. (Report location clearly and in accordance with any State requiremental)  1980' FNL 5 660' FWL  ALTROPORT POL. 5 660' FWL  But and success of Carlsbad, NM  PROPERTY REPORT POL. 5 660' NM  But and success of Carlsbad, NM  PROPERTY OF LEAST NO. 6 660' 320 CONTROL 115. SOUTH ASSAULT STATES WALL 320  ALTROPORT POLICE POLICE POLICE NO. 6 60' 12,000' PROPERTY OF LEAST OF CARLS TOOLS TO ATTEM POLICE POLICE NO. 6 60' 12,000' PROPERTY OF LEAST OF CARLS TOOLS TO ATTEM POLICE	Pacific Ent	<u>erprises Oi</u>	l Co. (USA	A) V	সৰা ক	<u> </u>	9. WELL NO.		
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1980' FNL 5 660' FWL At proposed produces  Same  DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR REST OFFICE'  SITE OF THE STATE O	P. U. BOX 3	SUSS, Midian	d, Texas	/9/(	tate requirements \$1 -	X	Mol S. Carleta	of Morrow	
A proposed posses  Same  Sec 21, T238, R26E  12. COUNT OF FAILS   12. COUNT OF FAILS   13. CO	At surince	opore issuesou cicuri, u	au in accordance w	cu au, c	النبور اليور	1.	Trontier Hil	<del>Is/Carisba</del>	
Sec 21, T23S, R26E  ***BITTAGE IS MILES AND DIRECTION FROM NELEST TOWN OR POST OFFICE**  ***8.1 miles southwest of Carlsbad, NM			11/2		A RATES MA	CHAICE	AND SURVEY OR ARE	South-	
BRITACE IN MILES ASU DIRECTION FROM SLEET TOWN OS POST OFFICE.  8.1 miles Southwest of Carlsbad, NM Eddy NM  DISTANCE FROM PROPRIED LOCATION TO ASARST PROPERTY ON LEASE IN LEASE 100-100-100-100-100-100-100-100-100-100		e					Co. 21 M220	D2 ( D	
### BIT OF ROLL   MILE OF CARING   16. NO OF ACRES IN LEASE   17. NO. WARRES ASSIGNATED TO THIS WELL   32.0   32.		AND DIRECTION FROM NE	AREST TOWN OR PC	ST OFFICE	F.				
16 No. of ACRES IN LEASE   16 No. of ACRES IN LEASE   17 No. of ACRES ASSISSED   16 No. of ACRES ASSISSED   16 No. of ACRES ASSISSED   17 THIS WELL.   17 No. of ACRES ASSISSED   18	8.1 miles s	southwest of	Carlshad	NM			1		
STEE OF ROLE   STEE OF CASING   19. PROPOSED BETTH   12,000   10. PROPOSED BETTH   12,000   10. PROPOSED DETTH   12,000   10. PROPOSED CASING AND CEMENTING PROGRAM   12. PROPOSED CASING AND CEMENT PROGRAM   12. PROPOSED CASING AND CEMEN	. DISTANCE FROM PROPU	SED*	caribbaa		). OF ACRES IN LEASE	17. So.		INIT	
19. PROPOSED REPTH   12.000	PROPERTY OR LEASE L	INE, FT.	660'		320	10 1			
THE APPENDENCE OF THE LABAR FIT.  3358.5' GR  PROPOSED CASING AND CEMENTING PROGRAM  PROPOSED CASING AND CEMENTING PROGRAM  PROPOSED CASING AND CEMENTING PROGRAM  SIZE OF ROLE  SIZE OF ROLE  SIZE OF CASING  SIZE OF ROLE  SIZE OF CASING  SIZE OF CASING  WEIGHT PERFOOT  SETTING OBJETH  QUANTITY OF CEMENT  SIZE OF ROLE  SIZE OF CASING  SIZE OF CASING  SIZE OF CASING  WEIGHT PERFOOT  SETTING OBJETH  QUANTITY OF CEMENT  SIZE OF ROLE  SIZE OF ROLE  SIZE OF CASING  WEIGHT PERFOOT  SETTING OBJETH  QUANTITY OF CEMENT  AND SIZE OF CASING  WEIGHT PERFOOT  SETTING OBJETH  QUANTITY OF CEMENT  JUNE 10, 1990  PROFITE WAS COMMANDED  ASSOCIATED AND CEMENT  SIZE OF ROLE  SIZE OF ROLE  SIZE OF ROLE  SIZE OF CASING  WEIGHT PERFOOT  SETTING OBJETH  ASSOCIATED AND CEMENT OF SETTING OBJETH  JUNE 10, 1990  1300 SX CITCULATED  JUN 1300 SX CITCULATED  JUN 1300 SX CITCULATED  JUN 1500 SX CITCULATED	. DISTANCE FROM PROP	OSED LOCATION*		19. PR		20. ROT			
3358.5' GR  3358.5' GR  3358.5' GR  3358.5' GR  3358.5' GR  32 June 10, 1990  RELE OF ROLE  17-1/2"  13-3/8"  48 600' 550 sx circulated /www.lec. 17-1/8" 5-1/2" 17 & 20 12,000' 700 sx (see stips)  123-3/8" surface casing will be set and cemented to surface. Additionally, intermediate casing string of 2800' of 8-5/8" casing will be set and mented to surface. Additionally, intermediate casing string of 2800' of 8-5/8" casing will be set and mented to surface. Additionally, intermediate casing string of 2800' of 8-5/8" casing will be set and mented to surface. Additionally, intermediate casing string of 2800' of 8-5/8" casing will be set and mented to surface. Additionally, intermediate casing string of 2800' of 8-5/8" casing will be set and mented to surface. If commercial pay is encountered, 5-1/2" production using will be run to TD.  104 Program: 0-600': Fresh Water Spud Mud 600-10,400': Cut brine with LCM as needed. 28-30 Visc. No W/L control 10,400-12,000': Mud up @ 10,400' with salt water gel. Visc. 32-34, MW 10.0 ppg, W/L 20 cc or less 5000 psi WP double hydraulic BOP on 8-5/8" casing. Will include annular (Hydril) preventer and rotating head. Pipe rams tested daily; blind rams tested on trips.	OR APPLIED FOR, ON THE	RILLING, COMPLETED, IS LEASE, FT.	4060'		1				
PROPOSED CASING AND CEMENTING PROGRAM    Perf   TP-    SIZE OF ROLE   RIZE OF CASING   WEIGHT FER FOOT   SETTING DEPTH   QUANTIFT OF CEMENT   1- 5- 17    17-1/2"   13-3/8"   48   600'   550 sx circulated     12- 14"   8-5/8"   32   2800'   1300 sx circulated     177   17- 17      17- 17    17- 18    5-1/2"   17- 18    20   12,000'   700 sx (See stips)     Idific Enterprises Oil Co. (USA) proposes to drill and test the Morrow ormation and other possible intermediate pay zones. Approximately 600'   13-3/8" surface casing will be set and cemented to surface. Additionally, intermediate casing string of 2800' of 8-5/8" casing will be set and mented to surface. If commercial pay is encountered, 5-1/2" production using will be run to TD.   Idi Program: 0-600': Fresh Water Spud Mud   600-10,400': Cut brine with LCM as needed. 28-30 Visc. No   W/L control   10,400-12,000': Mud up @ 10,400' with salt water gel. Visc. 32-34, MW 10.0 ppg, W/L 20 cc or less   32-34, MW 10.0 ppg, W/L 20 cc or less   5000 psi WP double hydraulic BOP on 8-5/8" casing. Will include annular (Hydril) preventer and rotating head. Pipe rams tested daily; blind rams tested on trips.    APPROXEDED DESCRIPE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive senter program. If this   11- 17    17	ELEVATIONS (Show whe	ether DF, RT, GR, etc.)		<del></del>		<u> </u>		WILL START*	
PROPOSED CASING AND CEMENTING PROGRAM    Perf   TP-    SIZE OF ROLE   RIZE OF CASING   WEIGHT FER FOOT   SETTING DEPTH   QUANTIFT OF CEMENT   1- 5- 17    17-1/2"   13-3/8"   48   600'   550 sx circulated     12- 14"   8-5/8"   32   2800'   1300 sx circulated     177   17- 17      17- 17    17- 18    5-1/2"   17- 18    20   12,000'   700 sx (See stips)     Idific Enterprises Oil Co. (USA) proposes to drill and test the Morrow ormation and other possible intermediate pay zones. Approximately 600'   13-3/8" surface casing will be set and cemented to surface. Additionally, intermediate casing string of 2800' of 8-5/8" casing will be set and mented to surface. If commercial pay is encountered, 5-1/2" production using will be run to TD.   Idi Program: 0-600': Fresh Water Spud Mud   600-10,400': Cut brine with LCM as needed. 28-30 Visc. No   W/L control   10,400-12,000': Mud up @ 10,400' with salt water gel. Visc. 32-34, MW 10.0 ppg, W/L 20 cc or less   32-34, MW 10.0 ppg, W/L 20 cc or less   5000 psi WP double hydraulic BOP on 8-5/8" casing. Will include annular (Hydril) preventer and rotating head. Pipe rams tested daily; blind rams tested on trips.    APPROXEDED DESCRIPE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive senter program. If this   11- 17    17			3358.5	' GR					
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17-1/2"  13-3/8"  48  600' 550 sx circulated //w/ / x 2  12-1/4" 8-5/8" 32 2800' 700 sx (see stips)  12-1/8" 5-1/2" 17 & 20 12,000' 700 sx (see stips)  12-1/8" 13-3/8" surface casing will be set and cemented to surface. Additionally, and intermediate casing string of 2800' of 8-5/8" casing will be set and mented to surface. Additionally, and intermediate casing string of 2800' of 8-5/8" casing will be set and mented to surface. If commercial pay is encountered, 5-1/2" production sing will be run to TD.  13-3/4" surface casing will be run to TD.  14 Program: 0-600': Fresh Water Spud Mud 600-10,400': Cut brine with LCM as needed. 28-30 Visc. No W/L control 10,400-12,000': Mud up @ 10,400' with salt water gel. Visc. 32-34, MW 10.0 ppg, W/L 20 cc or less  14 Program: 5000 psi WP double hydraulic BOP on 8-5/8" casing. Will include annular (Hydril) preventer and rotating head. Pipe rams tested daily; blind rams tested on trips.  15 ARROYE SPACE DESCRIBE PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive renter program. If any.  16 APPROVED BY  17 IT DESCRIPT PROGRAM: State office uses)  17 PERMIT NO.  18 APPROVED BY  17 THE OPERATION.  APPROVED BY  18 THE OPERATION.			1		1	a :	Post ID-1		
12-1/4"  8-5/8"  32  2800'  1300 sx circulated. Pfr 7-7/8"  5-1/2"  17 & 20  12,000'  700 sx (see stips)  Recific Enterprises Oil Co. (USA) proposes to drill and test the Morrow promation and other possible intermediate pay zones. Approximately 600'  13-3/8" surface casing will be set and cemented to surface. Additionally, and intermediate casing string of 2800' of 8-5/8" casing will be set and remented to surface. If commercial pay is encountered, 5-1/2" production using will be run to TD.  10 Program:  0-600': Fresh Water Spud Mud  600-10,400': Cut brine with LCM as needed. 28-30 Visc. No W/L control  10,400-12,000': Mud up @ 10,400' with salt water gel. Visc. 32-34, MW 10.0 ppg, W/L 20 cc or less  DP Program:  5000 psi WP double hydraulic BOP on 8-5/8" casing. Will include annular (Hydril) preventer and rotating head. Pipe rams tested daily; blind rams tested on trips.  AMOVE SELVE DESCRIBE PROFORED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive renter program. If any.  APPROVED BY APPROVED BY STATE Office 18-21.  THE Operations Engineer  PATE 5-22-90  APPROVED BY APPROVED BY STATE Office 18-21.  APPROVED BY APPROVED BY STATE Office 18-21.  APPROVED BY APPROVED BY STATE Office 18-21.  THE Operations Engineer  PATE 5-22-90						- <u></u> -			
7-7/8"  5-1/2"  17 & 20  12,000'  700 sx (see stips)  Incific Enterprises Oil Co. (USA) proposes to drill and test the Morrow ormation and other possible intermediate pay zones. Approximately 600'  13-3/8" surface casing will be set and cemented to surface. Additionally, intermediate casing string of 2800' of 8-5/8" casing will be set and imented to surface. If commercial pay is encountered, 5-1/2" production using will be run to TD.  Id Program: 0-600': Fresh Water Spud Mud  600-10,400': Cut brine with LCM as needed. 28-30 Visc. No W/L control  10,400-12,000': Mud up @ 10,400' with salt water gel. Visc. 32-34, MW 10.0 ppg, W/L 20 cc or less  OP Program: 5000 psi WP double hydraulic BOP on 8-5/8" casing. Will include annular (Hydril) preventer and rotating head. Pipe rams tested daily; blind rams tested on trips.  ABOVE SPACE DESCRIBE PROFORDED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive center program. If any.  APPROVALEMENT.  Operations Engineer DATE 5-22-90.  APPROVALEMENT.  APPROVALEMENT.  APPROVALEMENT.  APPROVALEMENT.  APPROVALEMENT.  APPROVALEMENT.  APPROVALEMENT.									
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SHONED CALLED TITLE OPERATIONS.  APPROVAL DATE  TITLE OPERATIONS  APPROVAL DATE  TITLE OPERATIONS  APPROVAL DATE  DATE  7 966  DATE  7 966  DATE  7 966	f 13-3/8" sun intermedia emented to s	rface casing strate casing strate. If we run to TD 0-600': F. 600-10,400 W/L contro 10,400-12, 32-34, MW 5000 psi Wannular (H)	g will be tring of 2 commercia. resh Water ': Cut br 1 000': Muc 10.0 ppg, P double h ydril) pre	set 2800' al pa Spucine d up W/L nydra	and cemented of 8-5/8" cay is encounted Mud with LCM as 20 cc or less aulic BOP on ter and rotat	to sasing ered, neede th sas 8-5/8	urface. Addi will be set 5-1/2" produ d. 28-30 Vis lt water gel. " casing. Wi	tionally, and ction  c. No  Visc.  ll include	
APPROVAL DATE  APPROVED BY  TITLE 600 97	signed of the state of the stat	drill or deepen direction	nally, give pertiner	it data o	on subsurface locations an	d measure	ed and true vertical depths.	Give blowout	
APPROVED BY TITLE COLOR DATE 6 7 96	value opace for redev	ni worth obide nas)							
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		I DIDIECT TO		TI.E	Signer (#grand)		DATE	/ C*	
	GENERAL	REQUIREMENTS A	พัก						

SPECIAL STIPULATIONS

\*See Instructions On Reverse Side