wint Officionia Lease - 5 copies Energy, Minerals and Natural Resources Department Review 1-k89 will Lease - 5 copies OIL CONSERVATION DIVISION P.O. Box 2088 AFI NO. (assigned by OCD on New Welts) STRICTI Data 1980, Hobbs, NM 88240 P.O. Box 2088 RECEIVED Sinta Fe, New Mexico 87504-2088 Sinta Fe, New Mexico 87504-2088 Sinta Fe, New Mexico 87504-2088 STRICTII O. C. C. D. APPLICATION FOR PERMIT TO DRILL DEEPEN, OR PLUG BACK Image: Comparison of the Agreement Name Type of Wol: DRILL E RE-ENTER DEEPEN PLUG BACK Image: Comparison of the Agreement Name Type of Wol: Onsex Donsex Distriction of Unit Agreement Name Lodewick A Type of Wol: Onsex Distriction of Unit Agreement Name Lodewick A Name of Openator 8. Well No. Sondoor Micet North Dagger Draw Upper Penn Well Leater D. Concord Inc. 3 Sondoord E Sondoord E Section 19 Township 19 Rese 25E NMM Eddy Couper Well Leater D. 1660 Feet From The north Line and 660 Feet From The Weist Line and 660 In A		~	~		~	
Bill BD, Hobe, NM 88240 P.O. Box 2088 RECEIVED Santa Fe, New Mexico 87504-2088 SILL SLAPPENDER STREET III O. Down DD, Arteis, NM 88210 MAR 1 9 1991 Santa Fe, New Mexico 87504-2088 Sill SLAPPENDER Street	- Submit to Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies		, Minerals and Natural Re	esources Department		
STRICT III OR 0 Brock R4, Azec, NM 87410 APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK Type of Work: Type of Work: DRIL IN RE-ENTER DEEPEN OF PLUG BACK DRIL IN RE-ENTER DEEPEN PLUG BACK DRIL IN RE-ENTER DEEPEN PLUG BACK OFFER Strict Deepen PLUG BACK OFFER <	DISTRICT II	M 88240	P.O. Box 208	88 RECEIVED 87504-2088	30-015	-26673
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APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK				ARTESIA DESICE		
DRILL X RE-ENTER DEEPEN DEEPEN PLUG BACK DATE & Lodewick A Type of Well: OAS OTHER Will OAS OTHER SINCLE SONE Lodewick A Name of Openior 8. Well No. 3 Conocco Inc. 3 Address of Openior 9. Pool name or Wildcat 10 Desta Drive, Suite 100 W, Midland, TX 79705 9. Pool name or Wildcat North Dagger Draw Upper Penn Well Leater		TION FOR PERMIT	TO DRILL, DEEPEN, C	DR PLUG BACK		
Type of Well: Estimation of the state						greement Name
Conoco Inc. 3 Address of Operator 3 Proof same or Wildcat 9. Fool same or Wildcat 10. Desta Drive, Suite 100 W, Midland, TX 79705 Morth Dagger Draw Upper Penr Well Location 0. Feet From The north Line and	. Type of Well:		SINGLE		Lodewick A	
Address of Operator 9. Pool name or Wildcat 10. Desta Drive, Suite 100 W, Midland, TX 79705 X North Dagger Draw Upper Pent Well Location Unit Letter	Name of Operator	/			8. Well No.	·····
10 Desta Drive, Suite 100 W, Midland, TX 79705 Morth Dagger Draw Upper Pent Weil Location Unit Letter D.: 660 Feet From The north Line and 660 Feet From The west Line Section 19 Township 19S Range 25E NMPM Eddy County Methods 10 Township 19S Range 25E NMPM Eddy County Methods 10 Township 19S Range 25E NMPM Eddy County Methods 10 Proposed Depth 11. Formation 12. Rotary or CT. Rotary Blonket 8100' 15. Drilling Contractor 16. Approx. Date Work will start SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST. TOP 14 3/4" 9 5/8" 36/40# 1200' 2000 sxs Surface 8 3/4" 7" 26# 8100' 1800 sxs Surface 1. Well is proposed to be drilled as a Cisco oil producer. Post FD-1 3-12 -91 Attached are:		/			3	·
Well Location Unit Letter Description Internation (International Control of the	Address of Operator					
Unit Letter		ve, Suite 100 W	, Midland, TX 797	05	North Dagger	Draw Upper Penr
Elevations (Show whether DF, RT, GR, etc.) 14. Kind & Status Plug. Bond Blanket 15. Drilling Contractor 16. Approx. Date Work will start PROPOSED CASING AND CEMENT PROGRAM SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST. TOP 14. 3/4" 9.5/8" 36/40# 1200' 2000 sxs Surface 8. 3/4" 7" 26# 8100' 1800 sxs Surface Metric Hole as a Cisco oil producer. Attached are: Metric Here 1. Well location and Acreage Dedication Plat. 2. Proposed Well Plan Outline. 3. Cementing Program Outline. 3. Cementing Program Outline. 4. BOP Specifications. Plan. 10.	Section 19		10. Proposed Depth	11. 1	Formation	12. Rotary or C.T.
PHOPOSED CASING AND CEMENT PROGRAM SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST. TOP 14 3/4" 9 5/8" 36/40# 1200' 2000 sxs Surface 8 3/4" 7" 26# 8100' 1800 sxs Surface Attached are: Attached are: 1. Well location and Acreage Dedication Plat. 2. Proposed Well Plan Outline. 3. Cementing Program Outline. 4. BOP Specifications. 4. BOP Specifications.	Elevations (Show wheth 3587.9	wr DF, RT, GR, etc.)		15. Drilling Contractor	16. Арргох. І	
14 3/4" 9 5/8" 36/40# 1200' 2000 sxs Surface 8 3/4" 7" 26# 8100' 1800 sxs Surface This well is proposed to be drilled as a Cisco oil producer. Post FD-/ Attached are: Image: Surface Image: Surface 1. Well location and Acreage Dedication Plat. Image: Surface Image: Surface 3. Cementing Program Outline. 3. Cementing Program Outline. Image: Surface		PF	OPOSED CASING AN	ID CEMENT PROGR	RAM	
8 3/4" 7" 26# 8100' 1800 sxs Surface This well is proposed to be drilled as a Cisco oil producer. Post FD-/ 3-12-9/ Attached are: 1. Well location and Acreage Dedication Plat. 2. Proposed Well Plan Outline. 3. Cementing Program Outline. 4. BOP Specifications.					SACKS OF CEMENT	EST. TOP
This well is proposed to be drilled as a Cisco oil producer. Attached are: 1. Well location and Acreage Dedication Plat. 2. Proposed Well Plan Outline. 3. Cementing Program Outline. 4. BOP Specifications.						
 Well location and Acreage Dedication Plat. Proposed Well Plan Outline. Cementing Program Outline. BOP Specifications. 	X_3/4''	<i>/</i>	2b#	8100'	1800 sxs	Surface
	Atta 1. W 2. F	nched are: Well location an Proposed Well Pl	d Acreage Dedicat an Outline.		producer. M	Post ID-1 3-12-91 Rew-Loc & APJ
ADDITION TO THE TAKE THE TAKE	4. E	30P Specificatio	ons.	 A structure area area to the structure 	100	

APPROVAL VAUD FOR <u>180</u> DAYS PERMIT EXFIRES <u>9/21/9/</u> UNLESS DRILLING UNDERWAY

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

SIGNATURE	above is true and complete to the best of my k	nowledge and belief. Regulatory Coordinator	date
TYPE OR PRINTINAME Jerr	ry W. Hoover		TELEPHONE NO. (915) 686-654
	NAL SIGNED BY WILLIAMS WISOR, DISTRICT I	TTLE	MAR 2 1 1991
CONDITIONS OF APPROVAL, IF ANY:	NOTI	TO WITNESS CEMENTING THE	

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

125630

DISTRICT I P.O. Box 1980, Hobbs, NM \$8240

DISTRICT II P.O. Drawer DD, Artenia, NM \$8210

DISTRICT III 1000 Rio Brazos Rd., Aziec, NM 87410

State of New Mexico Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator				Lease				Well No.	
	O, INC.		۰		LODEWICK "A			3	
Unit Letter Section		Township	10 00	Range			County		
D D	19		19 SOUTH	<u> </u>	25EAST	NMPM		EDDY	
Actual Footage Location of 660 feet 1		NORTH			660		the WEST		
Ground level Elev.	from the Producin	g Formation	line and	Pool	000	feet from		Ine Dedicated Acr	tage:
3587.9	Cisc	~ Đ		North	Dagger Dran	, Upper	Penn.	160	Acres
1. Outline the ad	creage dedicated	to the subject v	well by colored per	cil or hachu	re marks on the plat be	slow.	<u> </u>	· · · · · · · · · · · · · · · · · · ·	
2. If more than	one icase is ded	icated to the we	il. outline each and	identify the	ownership thereof (bo	th as to worki	ng interest and	rovalty).	
			-	•	•		-		
	one lease of difference-pooling, etc	•	is dedicated to the	well, have	the interest of all owne	is peer corro	lidated by com	munitization,	
Yes		No If	answer is "yes" typ						
If answer is "no' this form if neco		s and tract descr	iptions which have	actually bee	a consolidated. (Use i	reverse side of			
No allowable wi	ill be assigned to				ated (by communitizati	ion, unitization	n, forced-poolin	ig, or otherwise)	
or until a non-st	andard unit, elin	ninating such in	terest, has been app	proved by th	e Division.	· · · · · · · · · · · · · · · · · · ·		<u></u>	
	<u></u>		-				OPERAT	OR CERTIF	ICATION
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	· ·						Settificate No.	JOHN W. WE	ST, 676
						`		ONALD J EIDS	ION, 3239
0 330 660 990	1329 1650	1960 2310	2640 200	0 1500	1000 500	0			

PROPOSED WELL PLAN OUTLINE

CELL NAME:	Lodewick "A" No.3	COUNTY: Eddy
_OCATION:	660' FNL, 660' FWL, Section 19,	EST. KB:

COUNTY: Eddy STATE: New Mexico

T-19-S, R-25-E

EST. GL: ____3588'

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		1	TYPE OF		CASING		FORM	(PPG) MUD	
1	CORMATION	DRILLING	FORMATION	HOLE	CASING	FRAC	PRESS		
DEPTH	FORMATION	PROBLEMS	EVALUATION	SIZE	SIZE-DEPTH	GRAD	GRAD	TYPE	
<u>_EF18</u>	Surface Water	EROBLENS	0'-1200'	<u></u>	JIZE-DEFIN	GRAD			
	300'	1	Deviation					Spud	
· i		1	Survey each		i i		1 I	8.4-8.7	
	1	1	250' not to		~ 		1		
1000		3	exceed 3 ^o		1				
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i		circulation	Install H ₂ S	i,	w/2000 sx		ł	Cut	
· i	Glorieta	from 0-1200			"lite" & "C"		1	Brine	! !
	1989'	1	1200'		(to protect		l I	8.8-	
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70001		in Cisco	1°/100' DLS					Mud up	
		TH CISCO	1 1 1 1 0 0 1 0 1 0 1 0 1 0 0 1 0 0 0 0					with	
	Cisco 7600'							salt g	el
	/000							and	
				8-3/4"				starch	@ !
80001	Target TD 8100		GR-CNL-LDT-	5 3/7	7" @ 8100'	15	8.3-	7300'	25 ⁻
	Targer ID 0100		DLL-MSFL-CAL		w/1800 sx		9.0	8.8-9.	
!			from 8100'-		"H" & "C" li	te			ļ
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<u>9000 </u>	-		from			i		ļ	-
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BOP SPECIFICATIONS

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CEMENT PROGRAM OUTLINE

WELL NAME: Lodewick A No. 3

.

LOCATION : 660' FNL & 660' FWL, Sec. 19, T-19S, R-25E, Eddy County

Casing Program

Surface	<u>9-5/8</u> inch	in	14 3/4	hole	at	1200	ft.
Inter	inch			hole			ft.
Prod	<u></u> inch	in	8 3/4	hole	at	8100	ft.

Cementing Program

Surface

Lead ⁸⁰⁰ Additives	12# Cal	-	Thixad	Mixed	at <u>12.2</u>	_p pg
Tail <u>1200</u> Additives	s xs 2% CaCl	Class	C	Mixed	at <u>13.9</u>	_p pg

Intermediate (first stage)

Lead Additives	sxs	Class	Mixed	at	ppg
Tail Additives	sxs	Class	Mixed	at	ppg
Percent fi	cee wat	er	Water	loss	c c

(second stage)

Lead Additives	_s xs	Class	Mixed	at	p pg
Tail Additives	sxs	Class	Mixea	at	p pg
Percent fre	e wat	er	Water	loss	C C

Production (first stage)

Lead_600	sxs Class "	C"Lite Mixed at 12	4 DOG
Additives	27 CaCl 5 ET A 25	needed	
- 	SXS (')ass	m Miyon at	pad
Additives	39 KC1 & FTA ac	nooded for zero fr	ee water and 250 cc
Percent fr	ee water 0	Water loss	250 CC

(second stage)

Lead 600	s xs	Class	"C"Lite	Mixed	at	pqq
Additives	3% KC1	& FLA a	s neede	d		
Tail 300 Additives	SXS	Class	H	Mixed	at	ppg
Additives	<u>3% KC1</u>	FLA as	needed			
Percent fr	ee wat	er		Water	loss	c c