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STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION DIVISION FOR THE PURPOSE OF CONSIDERING:

CASE NO. 8503 Order No. R-7870

APPLICATION OF YATES PETROLEUM CORPORATION FOR AN UNORTHODOX OIL WELL LOCATION, LEA COUNTY, NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 8 a.m. on February 27, 1985 and on April 10, 1985, at Santa Fe, New Mexico, before Examiners Michael E. Stogner and Gilbert P. Quintana, respectively.

NOW, on this <u>l0th</u> day of April, 1985, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS THAT:

(1) Due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.

(2) The applicant, Yates Petroleum Corporation, seeks approval of an unorthodox oil well location for its Kochia "AAM" State Well No. 1 located 990 feet from the South line and 2310 feet from the East line (Unit O) of Section 35, Township 15 South, Range 36 East, NMPM, to test the Devonian formation, Dean-Devonian Pool, Lea County, New Mexico.

(3) The SW/4 SE/4 of said Section 35 is to be dedicated to the well forming a standard 40-acre oil spacing and proration unit in the Dean-Devonian Pool.

(4) A well at said unorthodox location will better enable applicant to produce the oil underlying the proration unit. -2-Case No. 8503 Order No. R-7870

(5) No offset operator objected to the unorthodox location.

(6) Approval of the subject application will afford the applicant the opportunity to produce its just and equitable share of the oil in the affected pool, will prevent the economic loss caused by the drilling of unnecessary wells, avoid the augmentation of risk arising from the drilling of an excessive number of wells, and will otherwise prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED THAT:

(1) The application of Yates Petroleum Corporation for an unorthodox oil well location for the Devonian formation is hereby approved for its Kochia "AAM" State Well No. 1 located at a point 990 feet from the South line and 2310 feet from the East line (Unit O) of Section 35, Township 15 South, Range 36 East, NMPM, Dean-Devonian Pool, Lea County, New Mexico.

(2) The SW/4 SE/4 of said Section 35 shall be dedicated to the above-described well.

(3) Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO OIL CONSERVATION DIVISION Walle

R. L. STAMETS Director

SEAL

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ubmit 3 Copies > Appropriate bistrict Office	State of New Mex Energy, M [*] rerals and Natural Res		•	Form C-103 Revised 1-1-89
<u>)ISTRICT I</u> .O. Box 1980, Hobbs, NM 88240	OIL CONSERVATIO P.O. Box 208		WELL API NO.	
NO. Drawer DD, Artesia, NM 88210	Santa Fe, New Mexico		<u>30-025-28</u> 5. Indicate Type of La	2350
<u>NSTRICT III</u> 000 Rio Brazos Rd., Aziec, NM 87410	6. State Oil & Gas Le			
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. Name of Operator	·	<u></u>	8. Well No.	
YATES PETROLEUM CORPO	RATION	•	1	•
. Address of Operator	•		9. Pool name or Wild	lcat
	et - Artesia, NM 88210		Dean De	vonian
. Well Location Unit Letter 990) Feet From The South	Line and2310	Feet From Th	ne <u>East</u> Line
Section 35	Township 15S Rat	nge 36E	NMPM Lea	County
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L2-30-93 - TIH w/4-3/4"	OD string mill, and drill	collars. Mille	d DV tool at]	L2834'. POOH.
L2-31-93 - RTH w/4-3/4"	nd mill. Shut down for m bit to 13710.53'. POOH.	night. Shut down for		
L-33944- Rig up wireline	. RIH w/4-3/4" gauge rin	ng and junk bask	et. POOH. RI	[H w/CIBP and
3et at 13054". Dumped 4 -5-94 - TTH tr/5-1/2" 17	of cement on top of CII # Uni V packer. Tag ceme	3P. Shut down f	or 48 hours.	. 10//01
fested to 1000 psi for 1	.5 minutes, OK. Swabbed to	seating nipple	POOH.	c at 13643'.
L-0-24 - Returned to pro	duction from perforations	s 13594-13598'.		-
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I hereby certify that the information above is to	the and complete to the best of my knowledge and	belief.		
SKONATURE KUSTER	en	Production	Clerk	
TYPE OR PRINT NAME RUSTY Kleir	· · · · · · · · · · · · · · · · · · ·			505-748-1471 TELEPHONE NO.
(This space for State Use)		· · · · · · · · · · · · · · · · · · ·	······································	
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APPROVED BY	π	LE		DATE

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abmit 3 Copies Appropriate Energy, M istrict Office	Tals and Natural Res		. –	Form C-103 Revised 1-1-89
ISTRICT I O. Box 1980, Hobbs, NM 88240	ONSERVATION P.O. Box 2088		WELL API NO.	
	ta Fe, New Mexico 8		<u>30-025-</u> 5. Indicate Type of	Lease
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	D. Elevation (Show whether D 3855.1'	F, RKB, RT, GR, etc.)		
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7-23-93 - Ran 4.624" OD gauge rinot get thru. TOOHTIH w/logg lecay time log. RIgged down win up wellhead.	sing tool 1-3/8" celine. TIH w/tu	OD. Logged fro	m 13675-1200	0' with thermal
-27-93 - Moved in and rigged up -28-93 - TOOH with tubing. TIH tubing. Set packer at 13630'. 00# in 3 minutes. Load tubing.	l w/20-23# Uni V Loaded annulus w Injection rate	ith 25 bbls. P into perfs 136	ressured to 72-13676' 3	1000#. Bled off BPM at 600#.
ropped standing valve. Tested ulled up to 11380'. Set packer -29-93 - TOH with packer. TIH ressured to 1000#. Bled off 30 inutes. Leaking in squeeze hol et packer at 11800'. Tested ca	 Loaded annulu w/packer and RBP 0# in 1 minute. es. Moved tools 	s and tested to . Straddle squ Pressured to 1 and set RBP at	2000#. Rel eeze perfora 500#. Bled 13660'. Te	eased packer. tions 11499-11686'. off 750# in 2 sted to 1500#.
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nereby certify that the information above is true and complete t			lerk_	
nereby certify that the information above is true and complete to ONATURE		dicí.	lerk	DATE Dec. 30, 1993 505-748-1471 TELEPHONE NO.

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ubmit 3 Copies Appropriate Histrict Office	Energy, M ⁻ rais and Natural Res	sources Department	. —	Revised 1-1-89
NSTRICT 1 O. Box 1980, Hobbs, NM 88240	OIL CONSERVATIO P.O. Box 208	N DIVISION	WELL API NO.	
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7-30-93 - WIH and peri	forated 13594-13598' w/16 Pulled up. Nippled down B	.42" holes (4 SI	PF). TIH $w/5-1$	L/2" Uni V 10K
Set packer at 13500!.	Pressured casing to 1500	psi. Loaded ti	tree. Keverse ubing Pump in	2 LJ DDLS.
at 5200#. Acidized pe	erforations 13594-13598' w	ith 500 gallons	15% NEFE acid.	Released
packer. Reset. Tried	l to pressure casing and c	irculated up tub	ing. Released	l packer.
Tested to 1000# Nin	ippled up BOP. TOOH with poled down BOP. Nippled up	packer. TIH w/p	acker. Set at	: 13500'.
7-31-93 - Ran sub pump	. Returned to production	·		
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I hereby certify that the information above if	isse and complete to the best of my knowledge and			
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P.O. Box 1980, Hobb, NM 85240 P.O. Box 2088 30-025-25 DISTRICT III Santa Fe, New Mexico 87504-2088 30-025-25 P.O. Box 2088 Santa Fe, New Mexico 87504-2088 30-025-25 SUNDRY NOTICES AND REPORTS ON WELLS 6 Saace OI & Gas Le 10-025-25 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A 7. Lesse Name or Unit 10-025-25 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO PEPENT 7. Lesse Name or Unit 10-025-25 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO PEPENT 7. Lesse Name or Unit 10-025-25 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO PEPENT 7. Lesse Name or Unit 10-025-25 (DO NOT USE THIS FORM FOR PROPOSALS) 7. Lesse Name or Unit 10-025-25 1. Type of Well: OTHER Kochia AH 7. Lesse Name or Unit ODEFERENCIEUM CORPORATION 8. Well No. 1 3. Address of Operator 90 Feet From The South 1 1.05 South Fourth Street - Artesia, NM 88210 9. Pool name or Wild Dean Dev 1 1.05 South Fourth Street - Artesia, NM 88210 9. Pool name or Wild Dean Dev 1 1.05 South Fourth Street - Artesia, NM 88210 10. Elavation (Show whether DF, REB, RT, GR, etc.) <td>STATE X FEE se No. Agreement Name M State tu conian East Line County ta ORT OF:</td>	STATE X FEE se No. Agreement Name M State tu conian East Line County ta ORT OF:
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Chi CAS CHIER Kochia Ad VELL WELL OTHER Kochia Ad Name of Operator 8. Well No. 1 YATES PETROLEUM CORPORATION 9. Pool name or Wild 1 105 South Fourth Street - Artesia, NM 88210 9. Pool name or Wild Dean Dev Well Location 990 Feet From The South Line and 2310 Feet From Th Section 35 Township 15S Range 36E NMPM Lea 10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3855.1' GR 3855.1' GR 1 1. Check Appropriate Box to Indicate Nature of Notice, Report, or Other D NOTICE OF INTENTION TO: SUBSEQUENT REF ERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK AL EMPORARILY ABANDON CHANGE PLANS EX COMMENCE DRILLING OPNS. PL JLL OR ALTER CASING CHANGE PLANS EX CASING TEST AND CEMENT JOB 0THER: 2 Describe Proposed or Completed Operations (Clearly state all periment details, and give periment dates, including estimated date of staw work) SEE RULE 1103. State all periment details, and approved by OCT (Paul Kautz) Augn happroveal to: ohange procedure	ti onian <u>East</u> Line County ta ORT OF:
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Approval topchange procedure was received by Darrick Stallings on 12-30-93 from Propose to mill out DV tool at 12780' and abandon perforations 13672-676' and	ling any proposed
	m Paul Kautz.
. Mover in and rig up. Nipple down tree and nipple up and test BOP. POOH we cable and ESP.	th tubing,
 RIH w/retrieving tool and POOH with RBP from 13656'. Rig up power swivel and RIH w/4-3/4" string mill. Mill out DV tool at 12 POOH with mill. 	80" to 4 - 3/4".
. RIH w/4-3/4" bit to PBTD at 13680' to make sure wellbore is clear. POOH with RIH w/4-3/4" gauge ring to PBTD. RIH w/CIBP and set at 13670'. Dump ceme	ith bit.
top of CIBP. Keep TOC below 13650'. . RIH w/tubing and packer. Tag top of plug and pressure test to 2000#.	
RBIH w/ESP, cable and tubing. Return well- to production from perfs, 1359/ hereby certify that the information above is that soft complete to the best of my knowledge and belief.	
HONATURE Kuster Rulin Production Clerk	
TYPE OR PRINT NAME RUSTY Klein	-13598'
This space for State Use) ORIGINAL SIGNED BY JERRY SEXTON DISTRICT I SUPERVISOR	

State of New Me	xico	Form C-103	i
Submit 3 Copies to Appropriate Energy, Minerals and Natural Re District Office		Revised 1-1-89	1
DISTRICT I P.O. Box 1980, Hobbs, NM 88240 OIL CONSERVATIO P.O. Box 208	38	Well, Api NO.	
DISTRICT II P.O. Drawer DD, Artesia, NM 88210 Santa Fe, New Mexico	87504-2088	5. Indicate Type of Lease STATE	
DISTRICT III 1000 Rio Brazos Rd., Azzec, NM 87410		6. State Oil & Gas Lease No. LG-2252	· ·
SUNDRY NOTICES AND REPORTS ON WEL	18		TTT
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1. Type of Well: OL OAS WELL X WELL OTHER	· · · · · · · · · · · · · · · · · · ·	Kochia AAM State	· · · ·
2. Name of Operator	•	8. Well No.	
YATES PETROLEUM CORPORATION		1	
3. Address of Operator	•	9. Pool name or Wildcat	
105 South 4th St., Artesia, NM 88210		Dean Devonian	
4. Well Location Unit Letter 0: 990 Feet From The South	Line and231	0 Feet From TheEast	Line
Section 35 Township 15S Ra	ings 36E		
Section 55 10winking 155 Ka	DF, RKB, RT, GR, etc.)	NMPM Lea C	County 777777
///////////////////////////////////////	355.1' GR		
11. Check Appropriate Box to Indicate 1		enort or Other Data	
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higher in Devonian 12. Describe Proposed or Completed Operations (Clearly state all pertinent details, ar work) SEE RULE 1103.	nd give pertinent dates, inclu	ding estimated date of starting any proposed	÷
We propose to abandon the current Devonian p in the Devonian from 13642-13646' and 13594-			r _k rigere
1. Move in and rig up. Nipple down tree an 2. Squeeze off perforations 13672-13676' wi	nd nipple up and th cement retai	test BOP. TOOH w/tubing. ner. Will set retainer as	
low as possible in order to maximize rem	maining rathole.		
 RIH w/casing gun and perforate 13642-136 RIH w/RBP and packer. 	46' and 13594-1	3598' with 4 SPF.	•
5. Isolate and acidize perforations 13594-1	.3598' w/500 gal	lons 15% NEFE HCL acid. Sw	ab
test. Based on results of swab test, wi	11 decide wheth	er to produce both sets of	
new perfs or just the upper perfs.		· · · · · · · · · · · · · · · · · · ·	
6. If decision is made to produce both zone	s, will isolate	and acidize perfs. 13642-1	3646
with 500 gallons 15% NEFE HCL acid.			χ.
7. Move packer above perfs and swab well. I hereby certify that the information above in/rus ing complete to the best of my knowledge and			
K. TOTO.	nemer. TRProduction	01 anis 7-1- 04	1002
SIONATURE USALIN TIT	TRFIOddCLION_	Clerk DATE July 26,	1993
TYPEOR PRINT NAME KUSTY KLEIN		TELEPHONE NO. 505/	748-1471
(This space for State Use) Orig. Signed by Paul Kauts			
APPROVED BY	18	AHG_03_1999	È
CONDITIONS OF APPROVAL IF ANY:	····		
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IDATE OF HEW MEXICO Y AND MINI MALS OF MILMENT	DL (1 CC OIL	CONSILRV	ATION 08 7080	DIVISIO	()	Form C- Revised	104 10 - 1 - 78	
Trial or of 11 (100 Aug 2 A 0 0 No Aug 2 A 0 0 Aug 2 A 0 <td>1910 / 2010 210</td> <td>NTA ITE, NE</td> <td>W MILXIC DR ALLOWA</td> <td>MLE</td> <td>RAL GAS</td> <td>ЦLŚ</td> <td>00</td>	1910 / 2010 210	NTA ITE, NE	W MILXIC DR ALLOWA	MLE	RAL GAS	ЦLŚ	00	
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105 South 4th St	., Artesia, Nr	4 88210						
esson(s) for filing (Check proper bon is well is well is completion	oj Change in Tra Oil Caelnghead Ga	X my c		Oiler (Pleas EFFECT	IVE JULY	1, 1988		
change of ownership give name id address of previous owner								
ESCRIPTION OF WELL AND	LEASE			•				
Kochia AAM State		Dean Devonia			Kind of Leus State, Federa		L-2252	
0 99	0	South L		310		East		
Unit Letter::	waship 155	Range	36E	, NMPA	Feet From	/	ea County	
ESIGNATION OF TRANSFOR Nere of Authorited Transporter of Gi Texas-New Mexico Pipe	(X) of Conder line Co.		Asidiess (C Box	2528, Ho	bbs, NM	ved copy of this form is 88240 ved copy of this form is		
Warren Petroleum Co.			Box	1589, Tu	lsa, OK	74101	10 68 5871)	
It well produces oil or liquids, give location of tanks.	Unii Sec. 0 35	15s 36e	ія 938 аста Үе	solly connect	id? Wh	6-20-88		
/ this production is commingled wi COMPLETION DATA	th that from any oth	er lasse or pool.	give commi	ngling order	numberi	······································		
Designate Type of Completio	on - (X)	ll Gus Well I	tiow Well	Warkover	Deepen	Plug Back Some He	s'v. Diff. Besty	
Dole Spudded	Date Cample Heady	to Frod.	Total Dept	<u>h</u>	!	P.U.T.D.	4	
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Ferforellona	L					Deptis Casing Slue		
		IG, CASING, AN	DCEMENTI			•		
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Jale First fiew Oil Hun To Tanks	Date of Test	•	Producting h	lethod (Flow,	, jiunip, gas lif	1, \$15.]		
angth of Test	Tubing Preseure		Cusing Pier	- EW+		Chole Stre		
letuaj Prod. Dviinų Teet	Oll-Lible.	· · · · · · · · · · · · · · · · · · ·	Witter - Uble	·		Gas-NCF		
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AS WELL	Longin of Test		Ibbls, Conte	neute/stater		Gravity of Condensate	r	
esting Maihod (pitet, back pr.)	Tubing Preserve (Bh	ut-11)	Cushig Pres	• (Shut-	111)	Chole Sise		
ERTIFICATE OF COMPLIANC	E		(NSERVAT	ON DIVISION	······	
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Ο «	•		TITLE				1100	
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(11)/ 7-7-88	/		able on a	are mul tore	inglicitud wall		•	
	////-/-88			Fill out only Sections 1, 11, 111, and VI for changes of owner, well name or number, or transporter, or other such change of condition				

All fortions of this lorg nuet be this out completely for show-allo on new and recompleted wells. Fill out only Succions I, H, III, and VI for changes of owner, well name or number, or transporter, or where such change of condition.

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	ZATION TO TRAN	· ·· · •	AND NATU	RAL GAS		·	
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105 South 4th St	., Artesia, N		Other (Please	explaint			
	Transporter of:				ONNECTION.		
tecomptetion Oil Thange in Ownership Casinghrad	I Gas Condi	ensate ()					
change of ownership give name ad address of previous owner						· · · · · · · · · · · · · · · · · · ·	
ESCRIPTION OF WELL AND LEASE							
	Dean Devonian		·	Kind of Leas State, Federa	· · ·		2252
Unil Letter 0 : 990 Feet From	The South LI	inte and	2310	_ Feel From	The East	<u>.</u>	
Line of Section 35 Township 155		36E	, ММРМ,			Lea o	County
ESIGNATION OF TRANSPORTER OF OIL A	ND NATURAL G	AS ASJIELL /C	ive address in	which appro	ved copy of this	form is to be sea	1)
Navajo Refg. Co.		PO Box	(159, Ar	tesia, N	M 88210	a de la deserva de la deser	
Jame of Authorized Transporter of Cusinghead Gas D Warren Petroleum Co.	ot Dry Cos	PO Boz	c 1589, T	ulsa, OK		form is so be sen	
f well produces off or figuide, ave location of lanks. 0 1 35	Two. Rue. 155 36e	Yes	ully connected B	d7 Wh	6-20-88	3	
this production is commingled with that from any o	other lease or pool,	give commi	ngling order	numberi	·		
OMPLETEION DATA Designate Type of Completion - (X)	Well Gan Woll	New Well	Workover	Deepen	Plug Bock 5	onie Hesty, Diff.	Bea
Sole Spudded Date Compl. Hon.	dy to Fred.	Total Depi	<u>.</u>	<u>.</u>	P.B.T.D.	t	
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EST DATA AND REQUEST FOR ALLOWARL	E (Test must be of able for shis deg			of load oil a	l nd must be equal	to or exceed to;	p allo
the First New Oil Hun To Tanks Date of Test			ethod (Flow,	pump, sas life	, esc.j	· · ·	
ingth of Test Tubing Pressure		Casing Pres	eur e		Chote Size	···	
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IS WELL							
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isling Method (picsi, back pr.) Tubing Pressue(ubut-im }	Cusing Press	we [Shut-1	a) (a	Choke Site		
RTIFICATE OF COMPLIANCE				SERVATI	DN DIVISION	V	
rroby certify that the rules and regulations of the (ision have been complied with and that the info	Dil Conservation	APPROV					
ve is true and complete to the best of my know	ladge and bollef.	DY		Pau	Signed by I Kautz cologist		
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V Productión Supervis	or	A11 #4	ctions of thi	a form must	be filled out c		silaw [,]
6-20-88	<u> </u>	allo on ne	vi and cocua	defected well	III, and VI for	•	
(I)ate ;		well name	or number, o	l'unaportes	or other such t	change of cond	littén.

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formate Forme C-104 must be filed for each post in multiply "

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STATE OF HEW MEXICO VERGY AND MINIFRATS DEPARTMEN	OIL CONSERV	ATION DIVISION	Form C-104 Nevised 10-1-78
(1) 5 A (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	SANTA FC, NI	IOX 2088 IW MEXICO 87501	· · ·
IRANIFURTER DIL		OR ALLOWABLE AND ISPORT DIL AND NATURAL GAS	
Cyterator	roleum Corporation		······································
Address 207 South	1 4th St., Artesia, NM 8821	.0	
Reason(s) for filing (Check proper New Well	Change in Transporter of: Oil Dry (C	
If change of ownership give nor and address of previous owner.	۲¢		
J. DESCRIPTION OF WELL A	ND LEASE Well No. Pool Name, Including	Formation Kind of Lea	se Leose :
Kochia AAM State	1 Dean Devoni	an Stote, Føder	I of Fee State LG 225
	990 Feel From The South L	Ine and2310 Feet From	The East
Line of Section 35	Township 155 Bange	36E NHPM, Lea	Cour
	ORTER OF OIL AND NATURAL G		
Name of Authorized Transporter of		Address (Give address to which appr	
Navajo Refining Co. Name al Authorized Transporter al		PO Box 159, Artesia, 1 Address (Give address to which appr	NM 88210 oved copy of this form is to be sent)
If well produces oil or liquids, give location of tanks.	Unii Sec. Twp. Rge. O 35 15s 36e	is gas actually connected? W No	hên
	with that from any other lease or pool		
V. COMPLETION DATA Designate Type of Compl	etion - (Y)	New Well Workover Deepen	Plug Back Same Hes'v. Dill. Re
Designate Type of Compl	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
Elevations (DF, RKB, RT, GR, etc			
		Top Oil/Gas Pay	Tubing Depth
Perforntions			Depth Casing Shoe
HOLE SIZE	TUBING, CASING, AN CASING & TUBING SIZE	D CEMENTING RECORD	SACKS CEMENT
7. TEST DATA AND REQUEST OIL WELL	able for this d	after recovery of total volume of load oil epth or be for full 24 hours)	·
Date First New Oil Run To Tanks	Date of Test	Producing Kiethod (Flow, pump, tas l	ift, elc.j
Longth of Test	Tubing Pressure	Casing Pressure	Choke Site
Actual Prod, During Test	ОЦ-ВЫл.	Water - Bble.	Gos-MCF
L			<u> </u>
GAS WELL Actual Frod. Test-MCF/D	Length of Test	Bbis. Candensole AMCF	
·		Bate. Consensole/KMCr	Grovity of Condensate
Teeting Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Cosing Pressure (Shut-in)	Choke Size
CERTIFICATE OF COMPLIA	INCE	OIL CONSERVAT	
I hereby certify that the rules an	d regulations of the Oll Conservation	APPROVED FEB1	2 1985
Division have been complied w	ith and that the information given the beat of my knowledge and bellaf.	Eddie V	N. Seay T
\sim			s Inspector
()	- 97	This form is to be filed in t	coupliance with polls time.
- Hunds	shows)	woll, this form must be accompa	vable for a newly dilited or deepen nied by a tabulation of the deviati
Production	Supervisor	tests taken on the well in accord All sections of this form mu	dance with NULE 111. at be filled out completely for allo
2-6-	1 ülə) 185	ship on now and recompleted we Fill out only Sections 1. Il	lie. . 111. and VI for changes of own-
	(Dule)	well name or number, or transport	es, or other such change of conditions of the filed for each peol in multip
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1999 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -

Separete Found C-104 must be filed for each pool in multiple completed welts.

INGY AND MINERALS DEPARTMEN		IL CONSERV	ATION	DIVISIO	<u> </u>		Form C-104 Revised 10-1-78
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v 5.0.8.							
LAND OFFILE		REQUEST FO	OR ALLOW	ABLE			
GAB GAT	41171100		AND				
PADRATION OFFICE	AUTHOR	ZATION TO TRAN		. ANU NATU	INAL GAS	_	
Yates Petrol	eum Corporat	ion					
Addrees		ia, NM 88210					
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New Well		Transporter of:		FLATED	AFTER .	6/10]	85
Recompletion	OII		»• 🔲	UNLESS	AN EXCI	sprion to) R-4070
Change in Ownership	Casinghea	ad Gao Cond	ensats []	IS OBTA	INED.		
If change of ownership give name and address of previous owner	•						
DESCRIPTION OF WELL AN					·		
Kochia AAM State	Well No.	Pool Name, Including			Kind of Leas	at or Fee Stat	Lease
Location	1 1	Dean Devonian	l <u></u>	<u> </u>	5.0(0, 7 00010	Stat	e <u>LG 22</u>
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Navajo Refining Co.	Cosinghead Gas	or Dry Gas	PO Box	159. Ar	tesia. NM	1 88210	s form is to be sent)
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lf well produces oil or liquids, give location of tanks.	Unit Sec.		ls pas act NO	ually connecte	id? įWh I	en	
If this production is commingled COMPLETION DATA							
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Date Spudded 9–21–84	Date Compl. Re 11-12		Total Dep		-	P.B.T.D.	
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clevenous (Dr. AAB, KI, GK, elc.							
3855.1' GR	Devonian		1 .	3672'		1360	
Berlorations 13672-13676'			1 .			Depth Casing	j Shoe
3855.1' GR Perforations	Devonian	UBING, CASING, AN		3672'	0		j Shoe
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	OIL CONSERVATION DIVISION	
DISTRIBUTION	P. O. BOX 2088	Form C-103 ·
BANTAFE	SANTA FE, NEW MEXICO 87501	Revised 10-1-7
FILE	SANTA FE, NEW MEXICO 87501	59. Indicate Type of Lease
U.S.G.S.		
LAND OFFICE		State X Fee
OPERATOR		5. State Oil & Gas Lease No. LG 2252
SUNDRY	NOTICES AND REPORTS ON WELLS	
	07HER-	7. Unit Agreement Name
		8. Form of Legge ligne
Yates Petroleum Cor	poration	Kochia "AAM" State
iress of Operator		9. Well No.
207 South 4th St.,	Artesia, NM 88210	1
cation of Well		10. Field and Pool, or Wildcat
NIT LETTER 0 99	South Line AND 2310	Dean Permo Penn
WE East LINE, SECTION	35 TOWNBHIP 158 RANGE 36E	- 814914.
	15. Elevation (Show whether DF, RT, GR, etc.) 3855.1' GR	12. County Lea
Check A NOTICE OF IN	ppropriate Box To Indicate Nature of Notice, Report	or Other Data
	50552	den keroki of.
DRM REMEDIAL WORK	PLUG AND ABANDON	ALTERING CASING
	COMMENCE DRILLING OPHS.	PLUG AND ABANDONMENT
OR ALTER CABING	CHANGE PLANS CASING TEST AND CEMENT JOB	
	OTHER FEILOLAL	z, Jwau y

TD 13800'. WIH and perforated 13672- 76' w/12 .42" holes (3 SPF). Swabbed well down. Well started flowing 5:00 PM 1-16-85.

18. I hereby certify that the information above is true and complete	e to the be	at of my knowledge and belief.			_
Jugante Doodler	TITLE	Production Supervisor	DATE_	1-17-85	
ORIGINAL SIGNED BY JERRY SEXTON	TITLE	······································	DATE _	JAN 2 1 1985	

STATE OF HEW MEXICO BGY AND MINI HALE DEPARTMEN	IT			Form C-104 Revised 10-1-
	OIL CONSEI		DIVISION	
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u t.u.t.				
LAND DFFILF	REGUES	FOR ALLOWA	BLE	
78485F11418N	REG0E5	AND		
OPERATOR	AUTHORIZATION TO TR	ANSPORT OIL	AND NATURAL GAS	•
PADRATIVI DPPICE				,
	um Corporation			
	St., Artesia, NM 88210			94 1
Reason(s) for filing (Check proper		1	Other (Please explain)	
No- Woll	Change in Transporter of:		Request test a	llowable - 2000 barro
Recompletion	011 🛄 t		Perforations -	
Change In Ownership	Cosinghead Gas C	ondensate		
If change of ownership give nam and address of previous owner	۱۴ 			
DESCRIPTION OF WILL A	ND I PACE			
DESCRIPTION OF WILL A:	Well No. Pool Name, Includ	ing Formation	Kind of L	euse [[
Kochia "AAM" State	1 Dean Permo	Penn	State, Fe	derol or Foo State LG-
Location				June 100
Unit Letter 0 ;	990 Feel From The South	Line and 7	310 Feet Fr	om The. East
				East
Line of Section 35	To iship 155 Stange	36E	, NMPM, L	ea
	ORTER OF OIL AND NATURAL			
Name of Authorized Transputter of	Cil 🔯 of Condensate	Aidress (G	we address to which as	proved copy of this form is so be s
Navajo Refining Co.		P.O. Bo	x 159, Artesia	. NM 88210
Home of Authorized Transporter of	Casinghead Gas et Dry Gas	Address (G	ive address to which as	proved copy of this form is so be s
				-
If well produces oil or liquids,	Unit Sec. Twp. Rge		aily connected?	When
give location of tanks.	<u>0 35 15s 3</u>	6e No		
Designets Type of Comple			Workover Deepen	Plug Hock Same Hesty, D
Designate Type of Comple Date Spudded		Total Depth	· · · · · · · · · · · · · · · · · · ·	Plug Back Same Hesty, D P.B.T.D.
	Date Compl. Rendy to Prod.			
Date Spudded	Date Compl. Rendy to Prod.	Total Depth		P.B.T.D.
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STATE OF NEW MEXICO	
NERGY AND MINERALS DEPARTMENT	
OIL CONSERVATION DIVISIO	
DISTRIBUTION P. O. BOX 2085	Form C-103 · Revised 10-1-78
BANTA FE SANTA FE, NEW MEXICO 87501	WEALINED TRAILED
VILE	Sa. Indicate Type of Lease
LAND OFFICE	State X Fee
OPERATOR	S, State Oil & Gas Lease No.
	LG 2252
SUNDRY NOTICES AND REPORTS ON WELLS 100 HOT USE THIS FORM FOR PROPOSALS TO BRILL OR TO DECEMENT PLUE BACK TO A DIFFERENT RESE USE "APPLICATION FOR PLANIT -" (FORM C-101) FOR SUCH PROPOSALE.)	rvoin, ANNINININI
OIL X 4A8 OTHER-	7. Unit Agreement Name
Name of Operator	8. Form or Lease Name
Yates Petroleum Corporation	Kochia "AAM" State
207 South 4th St., Artesia, NM 88210	1
Location of Well UNIT LETTER 0 990 FEET FROM THE South Line And 2310	10. Field and Pool, or Wildcan Dean Permo Penn
UNIT LETTER PEET PROM THE SOULII LINE AND SILU	
THE East LINE, SECTION 35 TOWNSHIP 155 RANGE 36E	HMPM. [[]]]]]]]]]]
15. Elevation (Show whether DF, RT, GR, etc.) 3855.1' GR	12. County Lea
Check Appropriate Box To Indicate Nature of Notice, R NOTICE OF INTENTION TO:	Leport or Other Data
	OBSEQUENT REFORT OF:
ERFORM REMEDIAL WORK	ALTERING CARING
	WS PLUG AND A BANDOMMENT
ILL OR ALTER CASING C	
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отися	
Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent a work) SEE RULE 1 103.	dates, including estimated date of starting any proposed
1-3-85. TD 13800'. Squeezed perforations 11499-11508' w	7/75 sacks Class H .3%
CFR-2, 4% Halad-9. Squeezed to 5000 psi. Pressure test 1-6-85. Drilled cement 11389-11570'.	ted to 1000 ps1.
1-8-85. Drilled cement 11570-11578'.	
1 0 05. Prined coment 115/0 115/0.	
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I hereby certify that the information above is true and complete to the best of my knowledge and bel	iel.
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erfigante Gandlitt Production Super	visor <u>1-9-85</u>
ORIGINAL SIGNED BY JERRY SEXTON	
DISTINCT I SUPERVISOR	JAN 1 4 1985
ADVED D7	•••• JAIN 1.4 1985
NOITIONS OF APPROVAL. IF ANYI	•

NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-10)2	
Supersede	5	C+128
Effective	ŀ	1-65

		All distances must be fro	rom the outer boundaries of	the Section.		
Operator Yates Petr	oleum Corpora		Lease Kochia "AAM"	'State	Well No. 1	
Unit Letter 0	Section 35	Township 15 South	Ronge 36 East	County		
Actual Footage Loco	ation of Well;	••••••••••••••••••••••••••••••••••••••				
990	feet from the SC	outh line and	2310 fee	et from the East	line	
Ground Level Elev.	Producing For	mation	Pool		Dedicated Acreage:	
3855.1	Devoi	nian l	Dean Devonian	·····	40 Acres	
 Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consoli- 						
Yes If answer i this form if	dated by communitization, unitization, force-pooling. etc?					
					approved by the Commis-	
				tained he best of m Name Juanit Position Produc Company Yates Date 1-	CERTIFICATION certify that the information con- trein is true and complete to the y knowledge and belief. The second belief.	
		LG 2252 0-2 66	2310'	shown on notes of under my is true o knowledg <u>Refer</u> Date Survey	this plat was plotted from field actual surveys made by me or supervision, and that the same and correct to the best of my e and belief. <u>to original plat</u> yed dated 9-3-84 Professional Engineer	
0 330 660	90 1320 1650 198	0 2310 2640 2000	1500 1000	Certificate	No.	

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INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not fater than 26 days after the completion of any newly-diffed or despende well. It shall be accompanied by one capy of all electrical and actio-activity legs run on the well and a meanany of all special tests conducted, including drill stem tests. All depths reported shall be measured depths, in the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, liens 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Hule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeas	tern New Mexico	Northwesten	n New Mexico
Rustler 2036 T. Anhy	T. Canyon 10956 T. Strawn 11420 T. Atoka 11730 T. Atoka 12697 T. Miss 12697 T. Devonian 13592 T. Devonian 13592 T. Silurian	T. Ojo Alamo T. Kirtland Fruitland T. Pictured Cliffs T. Oliff House T. Cliff House T. Mancos T. Mancos T. Gallup Base Greenhorn T. Dakota T. Todilto T. Entrada T. Wingate T. Chinle	T. Penn. "B" T. Penn. "C" T. Penn. "D" T. Leadville T. Leadville T. Bibert T. Bibert T. Ignacio Qtzte T. Granite T
No. 3, from		No. 6, from	······································
Include data on rate of water inflo	IMPORTAN w and elevation to which water rose	T WATER SANDS	

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No. 1, fromfeet.	
No. 2, fromfeet.	
No. 3, fromfcet.	
No. 4, from	

FORMATION RECORD (Attach additional sheets if necessary)

Prom	То	Thickness in Feet	Formation	From	То	Thickness in Feet	Formation
0	85	85	Surface, Redbeds	13460	13670	210	Lime, Shale, Dolo, Sand
85	1609	1524	Redbeds	13670	13800		Dolomite, Lime, Shale
1609	2739	1130	Redbeds, Anhydrite				
2739	4020	1281	Anhydrite, Salt				
4020	5010	990	Shale, Anhydrite, Dolo.				
5010	5700	690	Dolomite, Anhydrite				· •
5700	6550	850	Dolomite			•	
6550	7100	550	Dolomite, Sand				
7100	8450	1350	Dolomite				
8450	9000	550	Dolomite, Shale, Anhy.	· ·			· ·
9000	9380	380	Dolomite, Lime, Shale				
9380	9680	300	Dolomite, Shale, Anhy.				
9680	11460	1780	Lime, Dolo, Shale, Chert				· ·
11460	12800	1340	Lime, Shale, Sand				•
12800	13460	660	Lime, Shale				
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hereby certify that the infor		nd complete to the best of my			back. - <u>85</u> - 5 1985
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Describe Proposed or Comol	eted Operations (Clear	ly state all pertinent details	and give pertinent dates i	ncluding estimated date of si	artine any propose
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			EMEDIAL WORK	<u>г</u>	
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	•	IL CONSERVATI			Form C-103 ·
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ERGY AND MINERALS DEP					
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I hereby certify that the information above is true and complete to the best of my knowledge and belief. <u>Automata</u> <u>Desclett</u> <u>rive</u> <u>Production Supervisor</u> <u>save</u> <u>12-17-84</u> ORIGINAL SIGNED BY JERRY SEXTON	ornes Production Ca ornes Proposed or Completed Operations (Clearly state all perinent details, and give perinent dates, inclu- work) str AULE 1763. D 13800'. Ran 331 joints 5-1/2" casing as follows: 75 joints 5-1/ 97 joints 5-1/2" 17# N-80 LT&C 59 joints 5-1/2" 17# N-80, casing s hoe set 13800'. Float collar set 13760'. Cemented in 2 stages as tage 1: 250 sx C1 H .6% Halad-22, .4% CFR-2. Completed at 2:30 P hrs. tage 2: 1350 sx C1 H .6% Halad-22, .4% CFR-2. Compressive strengt n 12 hrs. PD 10:00 PM 11-16-84. Bumped plug to 1000 psi, released asing held okay. WOC. DV tool set at 12802'. WOCU 3 days. Drill IH and perforated 11676-11686' w/10 .42" holes. Acidized perfs 116 5% NEFE acid and ball sealers. Swabbed well with trace of oil and erforations 11676-686' w/75 sacks C1 H w/.3% CFR2 and .3% Halad-9. K. WIH and perforated 11499-11508' w/10 .42" holes (1 SPF). Acidi /1500 gals 15% NEFE acid and ball sealers. Began swabbing and test	ding estimated date of starting any proposed 2" 17# S-95 LT&C et at 13800'. Float follows: M 11-16-84. Circulated h of cement - 800 psi pressure, float and ed out DV tool at 12802'. 76-11686' w/1500 gals show of gas. Squeezed Test squeeze to 3000#, zed perfs 11499-11508'
ORIGINAL SIGNED BY JERRY SEXTON		
ORIGINAL SIGNED BY JERRY SEXTON	$() - \beta$	BAYS 12-17-84
	ORIGINAL SIGNED BY JERRY SEXTON	DEC 2 1 1984

STATE OF NEW MEXICO	*		<u>~</u>		
ENERGY AND MINERALS DEPARTMENT	P. O.	VATION DIVISION BOX 2088 EW MEXICO 87501			n C-103 Ised 10-1-78
FILE U.S.O.S. LAND OFFICE OPERATOR		•		Indicate Type of Less State X state Oil & Gas Less LG 2252	F**
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" Check Appr NOTICE OF INTER	-	te Nature of Notice, Rep SUB	ort or Other I ISEQUENT RE		
ERFORM REMEDIAL WORK	PLUG AND ABANDON Change plans	COMMENCE DRILLING OPHS.		ALTERING CASE PLUE AND ABAN Sing	
2 Describe Proposed or Completed Overation	one (Clearly state all pertinen	t details, and give pertinent date		and data of marine	

 Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

TD 4922'. Ran 118 jts of 8-5/8" 32# J-55 N-80 casing set at 4922'. 1-Texas Pattern notched guide shoe set at 4922'. Float collar set at 4883'. Cemented w/2100 sacks Halliburton Lite, 15#/sack salt and 1/4#/sack flocele. Tailed in w/250 sacks Class "C" 2% CaCl2. Compressive strength of cement - 1250 psi in 12 hrs. PD 7:00 AM 10-1-84. Bumped plug to 1750 psi, released pressure and float held okay. Cement circulated 8 sacks to surface. WOC.

Drilled out 7:00 AM 10-2-84. WOC 24 hours. Cut off and welded on flow nipple. Tested casing to 1000 psi for 30 minutes, OK. Reduced hole to 7-7/8". Drilled plug and resumed drilling.

B. I hereby certify that the information above is true and complete		······································
unity and A anallest	virue Production Supervisor	DATE
Eddie W. Seay		00T 9 0 100A
WHOWER BY Oil & Gas Inspector	YI718	OCT 29 1984
ONDITIONS OF APPROVAL, IF ANYI		

ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION P. O. BOX 2088 SANTA FE SANTA FE, NEW MEXICO 87501	Form C-103 · Revised 19-1-7/
FILE U.S.G.S. LAND OFFICE OPENATOR	Sa. Indicate Type of Lease State XK Fee 5. State Oll & Gas Lease No. LG-2252
SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DAILL OR TO SECORE OR PLUG DACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT (FORM C-101) FOR SUCH PROPOSALS.)	7. Unil Agreement Name
	8. Farm or Lease Hame
2. Name of Operator YATES PETROLEUM CORPORATION	Kochia "AAM" State
3. Address of Operator 207 South 4th Street, Artesia, New Mexico 88210	9. Well No. 1
4. Location of Well UNIT LETTER 0 990 FEET FROM THE South LINE AND 2310 FEET FROM	10. Fleid and Pool, or Wildcat Dean Permo Penn
THE East LINE, SECTION 35 TOWNSHIP 15 South RANGE 36 East MMPM.	
15. Elevation (Show whether DF, RT, GR, etc.) 3855.1 GL	12. County Lea
^{16.} Check Appropriate Box To Indicate Nature of Notice, Report or Oth NOTICE OF INTENTION TO: SUBSEQUENT	er Data REPORT OF:
FERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK TEMPORARILY ABANDON COMMENCE DRILLING OPHS. PULL OR ALTER CASING CHANGE PLANS	ALTERING CASING
Deepening of well [X]	L

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SER AULE 1903.

We propose to continue drilling this well to the Devonian Formation. TD of approximately 13,750' new casing program will be as follows:

Hole 7 7/8", csg. 5 1/2", weight 17# N-80 and S-95 TD 13,750, cement 700 sx to 9200'.

Verbal approval was given by Mike Stogner NMOCD Santa Fe 10/23/84 to continue drilling operations.

13, I hereby certify that the information above is true and com	· · · ·	
STEATED Cy Convan	Regulatory Agent	DATE 10/24/84
Eddie W. Seay Oil & Gas Inspector	, a di 2011 2014 a sa sena sa da da Anto ang	OCT 29 1984
IONDITIONS OF APPROVAL, IF ANY:		DATE

ENERGY AND MINERALS DEPARTME			
	OIL CONSERVA	ATION DIVISION	Frank (103
DISTRIBUTION	P. O. BC	X 2088	Form C-103 Revised 10-1-78
SANTA FE	SANTA FE, NEI	W MEXICO 87501	
FILE			5a. Indicate Type of Lease
U.S.C.S.			State X Fee
LAND OFFICE	1		5. State Oil & Gas Lease No.
OPERATOR	J .		LG 2252
DO NOT USE THIS FORM FOR PRO	Y NOTICES AND REPORTS OF	BACK TO A DIFFERENT RESERVOIR.	(1111111111111111111111111111111111111
1.			7. Unit Agreement Name
WELL X WELL	0THE# -		
2. Name of Operator			8. Farm of Lease Name
Yates Petroleum Corpo	oration		Kochia AAM State
3. Address of Operator		······	9. Well No.
207 South 4th St., An	rtesia, NM 88210		1
4. Location of Well			10. Field and Pool, or Wildcat
0 99	90 South	2310	Dean Permo Penn
UNIT LETTER	FLET FROM THE	LINE AND FEET I	
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THELINE, SECTION	ON TOWNSHIP	RANCENI	****· ()))))))))))))))))))))))))))))))))
innnnnnnnnn	15, Elevation (Show whethe	Pr DF. RT. GR. etc.)	12. County
		1' GR	Lea
	Appropriate Box To Indicate		
NOTICE OF IN	TENTION TO:	SUBSEQU	ENT REPORT OF:
	· · · · ·		
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORK	ALTERING CASING
		COMMENCE DRILLING OPHS. X	PLUE AND ABANDONMENT
TEMPORARILY ABANDON	1		
TEMPORARILY ABANDON	CHANGE PLANS	CASING TEST AND CEMENT JOB	_
	CHANGE PLANS	CASING TEST AND CEMENT JOB	

work) SEE HULE 1103.

Spudded 17-1/2" hole 4:15 PM 9-21-84. Ran 10 jts of 13-3/8" 54.5# J-55 casing set 404'. 1-Texas Pattern notched guide shoe set 404'. Insert float set 363'. Cemented w/435 sacks Class "C" 2% CaCl2. Compressive strength of cement - 1250 psi in 12 hours. PD 4:00 PM 9-22-84. Bumped plug to 1000 psi, released pressure and float held okay. Cement circulated 50 sacks. WOC. Drilled out 12:00 midnight 9-23-84. WOC 20 hours. NU and tested to 1000 psi for 30 minutes, OK. Reduced hole to 11". Drilled plug and resumed drilling.

18. I hereby, certify that the information above is true and complet	e to the best of my knowledge and belief.	
oisnes Aranita Dordletter.	Production Supervisor	DATE
ORIGINAL SIGNED BY SERTON APPROVED BY DISTRICT I SUPERINTSOR CONDITIONS OF APPROVAL, IF ANY:	TITLE	SEP 27 1984

ereby certify that the information above is true and complete to the best of my 'mowledge and belief. Regulatory Agent	9/12/	84
so change of production casing. 7/8" 51/2" 17# N-80 and S-95 11,700' 500sx	9200'	
ange of TD from 10,700 to Strawn 11,700.		
sective Freposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, includ ork) SEE RULE 1903.	ling estimated date of star	ting any prop
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Check Appropriate Box To Indicate Nature of Notice, Report or	Lea Data	
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South 4th Street, Artesia, New Mexico 88210	1	
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IL XX CAS WELL OTHER-	8. Farm or Lease Na	Ime
IDO NOT USE THIS FORM FOR PROPOSALS TO DRILL ON TO DEEPEN OR PLUG DACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)	7. Unit Agreement N	awe
SUNDRY NOTICES AND REPORTS ON WELLS	LG-2252	
LAND OFFICE OPERATOR	State XX 5. State Oil & Gas 1.	Fue L
FILE U.S.O.S.	Sa. Indicate Type of	r
OIL CONSERVATION DIVISION P. O. BOX 2088 SANTA FE SANTA FE, NEW MEXICO 87501		Form C-103 Revised 10-

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- •	1 10, Field and				отнся	
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- •					AFORATION	ATES PETROLEUM CO
	Jean Peri			Mexico 88210	Artesia New 1	07 South 4 Street
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	ASAP		McVay 8	nket	Blai	855.1 GL
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EST. TOP	CEMENT	EPTH SACKS OF	T SETTING D	WEIGHT PER FO	SIZE OF CASING	SIZE OF HOLE
circ		400sz	405'	48#_H-40	13 3/8"	17 1/2"
400'		1300	5000'	32 # J− 55	8 5/8"	12 1/4"
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O days 7 <u>84</u> RWAY	NG UNDER	APENOVAL VALIL PERMIT EXPIRI UNLESS DRIL				
9 tion	e format	450ss and intermedia circulated a k to about 40 9200'. to 7500'. ted daily.	Bough "C" a and cement culated bac oproximately Water/paper set and tes	17# N-80 and S-95 I and test the ing will be se and cement conted back to a ive mud 5000'	5 1/2" L a 10,700' well of surface cas ate will be set to TD and cement el to 400', Nat	7 7/8" e propose to dril pproximately 405' 000' of intermedi asing will be set

NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102 Supersedes C-128 Effective 1-1-65

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

YATES PETROLEUM CORPORATION Kochia "AAM" State 1 Jnit Letter Section Township Range County 0 35 15 South 36 East Lea Actual Footage Location of Well: 990' feet from the South 2310' feet from the East line			All castance	es must be from t		tes of the Secti	on.	
Initiatier Section Township Processor County Lea 990' test from the South 15 South 36 East Lea 990' test from the South Intermediation of the south of th	Operator YATES PETRO	LEUM CORPORAT	ION	Leo		AAM" Stat	е	Well No.
Certed Forestage Learnes et Weit South line and 2310' feat tenm the East line Stand Level Eleve. Productory Townstrom Productory Townstrom 80 Access 38355.1 GL Bough "C" Productory Townstrom 80 Access 1. Outline the acreage dedicated to the subject well by colored pencil of hachner marks on the plat below. 2. If more than one lease is dedicated to the well, outline cach 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 commonitration, unitization, force-pooling, etc? If answer is "he", 'list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necensary). No allowable will be ansigned to the well until all interests have been consolidated (by communitization, unitization, force-pooling, or until a non-standard unit, eliminating such interests, has been approved by the Commission. Version CertificAtion I hereby carry Agent Commission. CertificAtion I hereby carry Agent Log 2252 Log 2252	Unit Letter			╶╼┈╤═╵┯╼┺╄╶╤╼╸				
990' feet trant the South line and 2310' feet trant the East 3855.1 GL Bough "C" Dean Permo Penn Dedicated Acreese 3855.1 GL Bough "C" Dean Permo Penn Bough Acreese 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. Acreese 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). 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 "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if accessary.) No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, force-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. CertificATION I havely certify that the information contained hearin is to and consider to the later of any interest of any interest of any interest interests. Accession Yes L Accession No allowable will be and poole of a state of a s	0	35	15 Sout	h	36 East		Lea	
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3835.1 GL Bough "C" Dean Permo Penn 80 Acces 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 80 Acces 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). 80 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 If answer is "ac?" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if accessary). 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 knewly certify that the information contracted have in the information	990'	feet from the	South	line and 23	10'	feet from the	East	line
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Position Regulatory Agent Company YATES PETROLEUM CORPORATIO Date September 10, 1984				* <i>.</i> •			Cu	
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IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO FOR THE PURPOSE OF CONSIDERING:

> CASE NO. 1102 Order No. R-892

THE APPLICATION OF SINCLAIR OIL AND GAS COMPANY FOR AN ORDER AMENDING ORDER NO. R-757 AND CREATING THE DEAN PERMO-PENNSYLVANIAN POOL, FOR AN ORDER ESTABLISHING 80-ACRE SPACING UNITS IN SAID DEAN PERMO-PENNSYLVANIAN POOL, AND FOR AN ORDER AMENDING ORDER NO. R-799 AND PERMITTING THE DUAL COMPLETION OF WELLS IN THE DEAN-DEVONIAN AND DEAN PERMO-PENNSYLVANIAN POOLS, ALL IN LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9:00 o'clock a.m. on July 18, 1956, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 4th. day of October, 1956, the Commission, a quorum being present, having considered the record herein and the evidence and testimony adduced and being fully advised in the premises.

FINDS:

(A) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(B) That the Commission on September 15, 1955, heard Case No. 958, which was in the matter of the application of Sinclair Oil and Gas Company for an order creating and defining the Dean-Devonian Pool in Lea County, New Mexico, and establishing a uniform 40-acre spacing pattern for said Dean-Devonian Pool; further that the Commission on October 13, 1955, entered Order No. R-707, in which it found:

> (1) That due notice having been given as required by law, the Commission has jurisdiction of Case No. 958 and the subject matter thereof.

(2) That a common source of supply in the Devonian formation was discovered by the Sinclair Oil and Gas Company's J. P Dean Well No. 1, located 660 feet from the south line and 1980 feet from the west line of Section 35, Township 15 South, Range 36 East, Lea County, New Mexico.

-2-

(3) That the said common source of supply should be denominated the Dean-Devonian Pool and should be classified, defined, and described as follows:

TOWNSHIP 15 SOUTH, RANGE 36 EAST, NMPM All of Sections 26 and 35 E/2 NE/4 and the SE/4 of Section 34

TOWNSHIP 16 SOUTH, RANGE 37 EAST, NMPM Lots 1, 2, 3, 4, 5, 6, 7, and 8 of Section 5 Lots 1, 2, 7, and 8 of Section 6

- (4) That geological and engineering data presented to the Commission indicate that one well will drain 40 acres, and that the Dean-Devonian Pool should be developed on 40-acre proration units.
- (5) That all wells drilled in the Dean-Devonian Pool should be located near the center of each governmental quarter-quarter section, with a tolerance of 150 feet in any direction to avoid surface obstructions. That wells now drilled or presently drilling prior to issuance of this order that are not in conformance to this order, should be granted an exception to the spacing pattern.

(C) That the Commission on February 15, 1956, heard Case No. 1017, which was in the matter of the application of Sinclair Oil and Gas Company for an order creating the Dean-Pennsylvanian Pool consisting of all of Section 26, all of Section 35, the E/2 of the NE/4 and the SE/4 of Section 34, Township 15 South, Range 36 East, and Lots 1, 2, 3, 4, 5, 6, 7, and 8, of Section 5, Township 16 South, Range 37 East, NMPM, Lea County, New Mexico, and the establishment of special rules for said pool regarding the spacing and location of wells drilled therein; further that the Commission on March 14, 1956, entered Order No. R-757 in which it found:

- That due public notice having been given as required by law, the Commission has jurisdiction of Case No. 1017 and the subject matter thereof.
- (2) That the original application for and the legal advertisement of Case No. 1017 called for the creation of the Dean-Pennsylvanian Pool in Lea County, New Mexico, and the establishment of pool rules regarding the spacing and location of wells in said pool. That applicant, by means of an amended application filed February 2, 1956, and a motion presented at the hearing of Case 1017, moved that that portion of the original application pertaining to said

-3-

pool rules be dismissed, and that only that portion of the application concerning the creation of the Dean-Pennsylvanian Pool be considered.

(3) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Pennsylvanian formation, said pool to bear the designation Dean-Pennsylvanian Pool. Said Dean-Pennsylvanian Pool was discovered by Sinclair Oil and Gas Company, State 735 No. 1, located in the SW/4 of the NE/4 of Section 26, Township 15 South, Range 36 East, NMPM. It was completed December 4, 1955. The top of perforations is at 11,560'.

(4) That evidence presented at said hearing indicates that the horizontal limits of said Dean-Pennsylvanian Pool should be somewhat different from the horizontal limits of the pool as set forth in applicant's application.

(D) That the Commission on February 15, 1956, heard Case No. 1016, which was in the matter of the application of Sinclair Oil and Gas Company for an order authorizing the dual completion of wells in the Devenian common source of supply and the Pennsylvanian common source of supply underlying the E/2 NE/4 and the SE/4 of Section 34, all of Sections 26 and 35, Township 15 South, Range 36 East, and Lots 1 through 8 of Section 5, and Lots 1, 2, 7, and 8 of Section 6, Township 16 South, Range 37 East, NMPM, Lea County, New Mexico; further that the Commission on April 27, 1956, entered Order No. R-799, in which it found:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of Case No. 1016 and the subject matter thereof.
- (2) That although the defined limits of the Dean-Devonian common source of supply are the same as outlined in applicant's application, the defined limits of the Dean-Pennsylvanian common source of supply, as set forth in Commission Order No. R-757, are somewhat different than the defined limits of the Dean-Pennsylvanian common source of supply as outlined in applicant's application and consist of the following described area:

-4-Order No. R-892

> TOWNSHIP 15 SOUTH, RANGE 36 EAST, NMPM SW/4 SW/4 Section 25 All Section 26 E/2 NE/4 and SE/4 Section 34 All Section 35 NW/4 Section 36

TOWNSHIP 16 SOUTH, RANGE 37 EAST, NMPM Lets 1, 2, 3, 4, 5, 6, 7, and 8 of Section 5 Lot 1 of Section 6

- (3) That the recoverable reserves in the abovedescribed Dean-Pennsylvanian Pool are such that a well drilled to the Pennsylvanian formation in this pool would probably not be a profitable venture.
- (4) That although some wells have been drilled to and are producing from the Dean-Pennsylvanian Pool, unless means is provided to produce the known reserves in said pool by some method other than drilling separate wells into said Pennsylvanian formation, waste will occur in that all of the known recoverable reserves probably will not be produced.
- (5) That the applicant, Sinclair Oil and Gas Company, has shown that to dually complete wells in the Dean-Devonian Pool and the Dean-Pennsylvanian Pool would probably be a profitable venture, by virtue of which most of the recoverable reserves in the Pennsylvanian formation could be produced and the waste thereby averted.
- (6) That the applicant has shown that a dual completion installation utilizing parallel strings of tubing, one string of tubing to each common source of supply, and a retainertype production packer will provide adequate separation of the fluids from the two reservoirs within the casing. Applicant has further shown that this type of installation may be readily adapted to the artificial lifting of the fluids from either or both of the two reservoirs if and when that should become necessary.
- (7) That adequate separation of the reservoirs in the well bore outside the casing can be accomplished by setting the production casing string at the total depth of the well bore and by cementing it from total depth to a point at least 500 feet above the top

-5-

- (8) That although there is present in any dual completion the inherent danger of communication between the zones involved, and that such communication would result in waste, the evidence submitted in support of applicant's propesal for special pool rules permitting authority for dual completions in the Dean-Pennsylvanian and the Dean-Devonian Pools indicates that there is reasonable assurance that in this particular case, any such communication can be averted, and if it should occur, that it can be detected and corrected. Further, that waste will occur in this particular case if provision is not made for the dual completion of wells in the subject peels.
- (9) That provisions should be made for the Secretary-Director of the Commission to have the authority to grant administrative approval for the dual completion in the Pennsylvanian and Devenian formations only of any well located within the horizontal limits of both of the subject pools or located within the horizontal limits of one of the pools and within one-half mile of the horizontal limits of the other pool as they may now or as they may hereafter be defined.
- (10) That special pool rules should be prescribed governing dual completions in the subject pools, also designating the mechanical manner of completion acceptable, type and manner of tests required, and such other rules as may be necessary to insure safe completion and operation of any wells so dually completed.

THE COMMISSION FINDS FURTHER;

(1) That the applicant in Case No. 1102, Sinclair Oil and Gas Company, has shown that the reserves in the Wolfcamp formation underlying the area designated as the Dean-Pennsylvanian Pool are such that a well drilled to and completed in said Wolfcamp formation would probably not be a profitable venture.

(2) That unless means is provided to produce the known reserves in said Wolfcamp formation by some method other than drilling separate wells into said Wolfcamp formation, waste will occur in that all of the known recoverable reserves probably will not be produced.

-6-

(3) That the dual completion of wells within the Dean-Pennsylvanian common source of supply and the Dean-Devonian common source of supply in the subject area has been permitted under certain conditions, but the triple completion of wells within the Wolfcamp formation, the Pennsylvanian formation, and the Devonian formation in this area would be impractical.

(4) That the applicant has shown that to combine the Welfcamp formation and the Pennsylvanian formation underlying the area designated as the Dean-Pennsylvanian Pool into one pool and to redesignate said Dean-Pennsylvanian Pool as the Dean Permo-Pennsylvanian Pool would not cause but would prevent waste in that the reserves of both formations could be produced as a single Permo-Pennsylvanian completion or as the upper completion of a Permo-Pennsylvanian and Devonian dual completion. Further, that the reservoir characteristics of the Wolfcamp formation and the Pennsylvanian formation in the subject area are similar in nature and waste will not occur as a result of their combination.

(5) That applicant, Sinclair Oil and Gas Company, has further shown that there is reasonable assurance that any well completed in said Wolfcamp formation and/or Pennsylvanian formation in the subject area will adequately drain 80 acres, further that all wells drilled to and completed in the Wolfcamp formation and/or the Pennsylvanian formation in the area should be located on 80-acre units embracing two adjacent governmental quarter-quarter sections or lots within a single governmental section, which units should run either North and South or East and West; further, that wells drilled to and completed in the Wolfcamp formation and/or Pennsylvanian formation in said area should be located on either quarter-quarter section or lot comprising the 80-acre units, and should not be closer than 330 feet from the lines of such quarter-quarter section; further, that all wells so located on such 80-acre units should have allowables assigned thereto in accordance with the 80-acre proportional factor for a depth range of 11,000 to 12,000 feet, and with the other provisions of Rule 505 of the Rules and Regulations of the Commission.

(6) That any well which was drilled or was drilling as of October 4th ,1956, and which is located within the horizontal limits of the Dean Permo-Pennsylvanian Pool as herein defined should be granted an exception to the 80-acre spacing requirements of this order; further, that any such excepted well should be assigned an allowable which is in the same propertion to the standard 80-acre allowable that the well's dedicated acreage is to 80 acres; further, that the allowable for any such excepted well should be increased to that of a standard unit upon receipt by the Commission of proper evidence that such well has 80 acres dedicated thereto.

(7) That the application of Sinclair Oil and Gas Company for an order amending Order No. R-757 and creating the Dean Permo-Pennsylvanian Pool, for an order establishing 80-acre spacing units in said Dean Permo-Pennsylvanian Pool, and for an order amending Order No. R-799 and permitting the dual completion of wells in the Dean Permo-Pennsylvanian and the Dean-Devonian Pools should be approved. Further, that in the interests of clarity and simplicity, Order No. R-707, which order created and defined the Dean-Devonian Pool and established a uniform 40-acre spacing pattern for said Dean-Devonian Pool, Order No. R-757, which order

created and defined the Dean-Pennsylvanian Pool, and Order No. R-799, which order authorized, under certain conditions, the dual completion of wells in the Dean-Pennsylvanian Pool and Dean-Devonian Pool should be rescinded and superseded by one order, which order should set forth the vertical and horizontal limits of each of the common sources of supply involved and which should also set forth all special rules relative to the spacing and the dual completion of wells therein.

IT IS THEREFORE ORDERED:

(1) That the application of Sinclair Oil and Gas Company for an order amending Commission Orders No. R-757 and No. R-799 and for an order establishing 80-acre spacing in the Dean Permo-Pennsylvanian Pool be and the same is hereby approved.

(2) That Commission Orders No. R-707, No. R-757, and No. R-799 be and the same are hereby rescinded and superseded by Commission Order No. R-892.

(3) That the vertical limits of the Dean-Devonian Pool shall be the Devonian formation and the horizontal limits of said Dean-Devonian Pool shall be that area described in Exhibit "A" attached hereto and made a part hereof.

(4) That the vertical limits of the Dean Permo-Pennsylvanian Pool shall consist of the Wolfcamp formation and the Pennsylvanian formation and the horizontal limits of said Dean Permo-Pennsylvanian Pool shall be that area described in Exhibit "B" attached hereto and made a part hereof.

IT IS FURTHER ORDERED:

That special pool rules applicable to the Dean-Devonian Pool be and the same are hereby promulgated as follows:

SPECIAL RULES AND REGULATIONS FOR THE DEAN-DEVONIAN POOL

IT IS ORDERED:

(1) That the Dean-Devenian Pool be and the same is hereby created as the common source of supply as discovered in the Sinclair Oil and Gas Company's J. P. Dean Well No. 1, located 660 feet from the south line and 1980 feet from the west line of Section 35, Township 15 South, Range 36 East, NMPM, Lea County, New Mexico, and any extension thereof as may be determined by further development.

(2) That 40-acre proration units be and the same are hereby established for the Dean-Devonian Pool.

(3) That all wells drilled in the Dean-Devonian Pool shall be located in the center of each governmental quarter-quarter section, with a tolerance of 150 feet in any direction to avoid surface obstructions.

-7-

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-8-

(4) That the Magnolia Petroleum Company's Harkrider Well No. 1, located 1980 feet from the South line and 330 feet from the East line of Section 34, Township 15 South, Range 36 East, NMPM, and the Ohio Oil Company's A. C. Dean "A" Well No. 1, located 990 feet from the North line and 660 feet from the West line of Section 35, Township 15 South, Range 36 East, NMPM, shall each be an exception to the spacing rules herein provided.

(5) That no well shall be drilled or produced in said pool except in conformity with the spacing pattern set forth above without special order of the Commission after due notice and hearing.

(6) That individual well allowables for wells drilled in conformity with the spacing pattern set forth above shall be established in accordance with the 40-acre proportional factors provided in the Rules and Regulations of the Commission.

(7) That those wells completed within the Dean-Devenian Poel on lots containing more than 40 acres shall have their allowables computed in accordance with the provisions of Bule 104, Paragraphs (h) and (j).

(8) That those wells located on lots containing more than 40 acres may be located 660 feet from the north line of the lot.

IT IS FURTHER ORDERED:

That special pool rules applicable to the Dean Permo-Pennsylvanian Pool be and the same are hereby promulgated as follows:

> SPECIAL RULES AND REGULATIONS FOR THE DEAN PERMO-PENNSYLVANIAN POOL

IT IS ORDERED:

(1) That the Dean Permo-Pennsylvanian Pool in Lea County, New Mexico, classified as an oil pool for Wolfcamp-Pennsylvanian production be and the same is hereby created.

(2) That 80-acre proration units be and the same are hereby established for the Dean Permo-Pennsylvanian Pool; further, that all wells drilled to and completed in said Dean Permo-Pennsylvanian Pool shall be located on 80-acre provation units embracing two adjacent governmental quarter-quarter sections or lots within a single governmental section; further, that the aforesaid 80-acre provation units shall run either North and South or East and West. The well thereon may be located on either quarter section or lot comprising the 80-acre unit, but shall not be closer than 330 feet from the boundaries of such quarterquarter section or lot.

(3) That Form C-128 filed in conformance with Rule 1104 shall () outline the acreage dedicated to any projected well.

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(4) That individual well allowables for wells drilled in conformity with the 80-acre spacing rules herein provided for the Dean Permo-Pennsylvanian Pool shall be established in accordance with the 80-acre proportional factor for a depth range of 11,000 to 12,000 feet, and with the other provisions of Rule 505 of the Rules and Regulations of the Commission. Provided, however, that the date of assignment of an allowable to a newly completed well shall be governed by the provisions of Rule 503 (c) and the date of receipt by the Commission of the Commission's Affidavit of Communitization Agreement, if applicable.

(5) That each well which was drilled or was drilling as of October 4, 1956, and which is located within the limits of the Dean Permo-Pennsylvanian Pool as herein defined, is hereby granted an exception to the 80-acre spacing requirements of this order; further, that any such excepted well shall be assigned an allowable, effective at 7 o'clock a.m., Mountain Standard Time, December 1, 1956, which is in the same propertion to the standard 80-acre allowable that the well's dedicated acreage is to 80 acres. Provided, however, that the allowable of any such excepted well may be increased to that of a standard unit effective on the date of receipt by the Commission of Commission Form C-128, Well Location and/or Gas Provation Plat, indicating that sufficient additional acreage has been dedicated to the excepted well to form a standard proration unit as defined in Paragraph (2) above, or on the date of receipt by the Commission of the Commission's Affidavit of Communitization Agreement, if applicable, whichever date is later. Provided however, that no well shall have its allowable increased to that of a standard unit prior to December 1, 1956.

(6) The allowable for any well completed in the Dean Permo-Pennsylvanian Poel and to which is assigned any governmental quarterquarter section or lot containing less than 39 1/2 acres or more than 40 1/2 acres shall have its allowable decreased or increased in the proportion that the total number of acres assigned to the well bears to 80 acres.

IT IS FURTHER ORDERED:

That special rules for the dual completion of wells in the Dean-Devonian Pool and the Dean Permo-Pennsylvanian Pool be and the same are hereby promulgated as follows:

> SPECIAL RULES FOR THE DUAL COMPLETION OF WELLS IN THE DEAN-DEVONIAN POOL AND THE DEAN PERMO-PENNSYLVANIAN POOL

IT IS ORDERED:

1. That the application of Sinclair Oil and Gas Company for an order promulgating special pool rules for the Dean-Devonian common source of supply and the Dean Permo-Pennsylvanian common source of supply permitting the dual completion of a well within the horizontal and the vertical limits of the subject pools, after individual approval as hereinafter provided, be and the same is hereby approved.

-9-

-10-Order No. R-892

(2) (a) That the dual completion of any well within the horizontal and vertical limits of the subject pools may be permitted only by order of the Commission after due notice and hearing, except as noted by Paragraph 2 (c) below.

(b) The application for such hearing shall be submitted in triplicate and shall include an exhibit showing the location of all wells in both pools and a diagrammatic sketch of the proposed dual completion and shall set forth all material facts on the common sources of supply involved, and the manner and method of completion proposed.

(c) The Secretary of the Commission shall have authority to grant administratively an exception to the requirements of Paragraph (a) above without notice and hearing where application for administrative approval has been filed in due form and includes an exhibit showing the location of all wells in the subject pools and a diagrammatic sketch of the proposed dual completion, and has set forth all material facts on the common sources of supply involved, and the manner and method of dual completion proposed, and

> (1) applicant proposes to dually complete a well in the Dean-Devonian common source of supply and the Dean Permo-Pennsylvanian common source of supply and the well is located within the horizontal limits of both of the pools or is located within the horizontal limits of one of the pools and within one-half mile of the horizontal limits of the other pool, and

(2) applicant proposes to complete and equip the well in such a manner that the Dean-Devonian common source of supply and the Dean Permo-Pennsylvanian common source of supply shall be completely segregated from each other by setting the production casing string at total depth and circulating cement from total depth to a point at least 500 feet above the uppermost perforation, and by utilizing parallel strings of tubing, one string to each of the common sources of supply, and a permanent retainer-type production packer.

Applicants shall also furnish all operators who own leases within the horizontal limits of either or both pools a copy of the application and a diagrammatic sketch of the proposed dual completion and a plat showing the location of all wells in the subject pools. Applicant shall include with his application to the Commission a written -11-Order No. R-892

stipulation that all such operators have been properly notified. The Secretary of the Commission shall wait at least 20 days before approving any such dual completion, and shall approve such dual completion only in the absence of objection from any such operator owning acreage in either or both of the pools. In the event an operator objects to the dual completion, the Commission shall consider the matter only after proper notice and hearing.

The Commission may waive the 20-day waiting period requirements if the applicant furnishes the Commission with the written consent to the dual completion by all of the aforesaid operators involved.

PROVIDED HOWEVER, That any well so dually completed shall be completed and thereafter produced in such a manner that there will be no commingling within the well-bore, either within or outside the casing, of gas, oil and gas, or oil produced from either or both of the separate strata.

PROVIDED FURTHER, That upon the actual dual completion of any such well, the operator shall submit to the District Office of the Commission at Hobbs, New Mexico, copies of Oil Conservation Commission Form C-103, Form C-104, and Form C-110 outlining the information required on those forms by existing Rules and Regulations, packer setting affidavit form, and two copies of the electric log of the well. Operator shall also submit in duplicate evidence indicating that the cement behind the production casing string was circulated from total depth to a point at least 500 feet above the uppermost perforation.

PROVIDED FURTHER, That any well so dually completed shall be equipped in such a way that reservoir pressures may be determined separately for each of the two specified strata, and further, be equipped with all necessary connections required to permit recording meters to be installed and used, at any time, as may be required by the Commission or its representatives, in order that natural gas, oil, or oil and gas from each separate stratum may be accurately measured and the gas-oil ratio thereof determined.

PROVIDED FURTHER, That the operator shall be required to make any and all tests, including segregation tests, but not excluding other tests and/or determinations at any convenient time and in such manner as deemed necessary by the Commission; the original and all subsequent tests shall be witnessed by representatives of the Commission and by representatives of offset operators, if any there be, at their election, and the results of each test properly attested to by the operator and all witnesses, and shall be filed with the Commission within ten days after completion of such test.

PROVIDED FURTHER, That upon the actual dual completion of any such well, operator shall submit to the Commission a diagrammatic sketch of the mechanical installation which was actually used to complete and

-12-Order No. R-892

produce the seal between the strata, and a special report of production, gas-oil ratio, and reservoir pressure determination of each producing zone or stratum immediately following completion.

PROVIDED FURTHER, That upon actual dual completion of any well, operator shall within 10 days commence a segregation test, and shall conduct and report the results of said test in accordance with the instructions pertaining to and a part of the Commission's "Packer Leakage Test" form. Such segregation tests shall also be conducted at six-months intervals from the date of initial dual completion and at such other times as may be deemed necessary by the Commission.

IT IS FURTHER ORDERED:

That jurisdiction of this cause is hereby retained by the Commission for such further order or orders as may seem necessary or convenient for the prevention of waste and/or the protection of correlative rights; upon failure of any operator to comply with any requirement of this order, after proper notice and hearing the Commission may terminate the authority granted and require, in the interests of conservation, the operator or its successors and assigns to limit its activities to regular single-zone production insofar as the well wherein the failure to comply be concerned.

EXHIBIT "A"

Horizontal limits of the Dean-Devonian Pool

TOWNSHIP 15 SOUTH, RANGE 36 EAST, NMPM All Section 26: E/2 NE/4 and SE/4 Section 34; All Section 35;

TOWNSHIP 16 SOUTH, RANGE 37 EAST, NMPM Lets 1, 2, 3, 4, 5, 6, 7, & 8 of Section 5; Lots 1, 2, 7, & 8 of Section 6;

EXHIBIT "B"

Horizontal limits of the Dean Permo-Pennsylvanian Pool

TOWNSHIP 15 SOUTH, RANGE 36 EAST, NMPM SW/4 SW/4 Section 25; All Section 26; E/2 NE/4 and SE/4 Section 34; All Section 35; NW/4 Section 36; -13-Order No. R-892

> TOWNSHIP 16 SOUTH, RANGE 37 EAST, NMPM Lots 1, 2, 3, 4, 5, 6, 7, & 8 of Section 5; Lot 1 of Section 6;

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO OIL CONSERVATION COMMISSION

JOHN F. SIMMS, Chairman

E. S. WALKER, Member

A. L. PORTER, Jr., Member & Secretary

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IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO FOR THE PURPOSE OF CONSIDERING:

CASE NO. 1102 Order No. R-892-A

THE APPLICATION OF SINCLAIR OIL AND GAS COMPANY FOR AN ORDER AMENDING ORDER NO. R-757 AND CREATING THE DEAN PERMO-PENNSYLVANIAN POOL, FOR AN ORDER ESTABLISHING 80-ACRE SPACING UNITS IN SAID DEAN PERMO-PENNSYLVANIAN POOL AND FOR AN ORDER AMENDING ORDER NO. R-799 AND PERMITTING THE DUAL COMPLETION OF WELLS IN THE DEAN-DEVONIAN AND DEAN PERMO-PENNSYLVANIAN POOLS, ALL IN LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for consideration upon the petition of Ohio Oil Company for rehearing on Order R-892 heretofore entered by the Commission on October 4, 1956.

NOW, on this 7th. day of November, 1956, the Commission, a quorum being present, having considered the said petition of Ohio Oil Company and being fully advised in the premises,

HEREBY ORDERS:

That the above entitled cause be reopened and a rehearing be held at the regular monthly hearing on November 13, 1956 at 9 o'clock a.m. in Mabry Hall at Santa Fe, New Mexico, at which time all interested parties may appear.

IT IS FURTHER ORDERED:

That the matter to be considered upon rehearing shall be limited to those issues raised in the petition for rehearing.

IT IS FURTHER ORDERED:

That Order R-892 shall remain in full force and effect pending the issuance of any further order.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO OIL CONSERVATION COMMISSION

Signed by: John F. Simms, Chairman; E. S. Walker, Member; A. L. Porter, Jr. Member and Secretary. ir/

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IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO FOR THE PURPOSE OF CONSIDERING:

CASE NO. 1102 Order No. R-892-B

APPLICATION OF THE OHIO OIL COMPANY FOR REHEARING IN CASE 1102, ORDER R-892 WHICH ESTABLISHED POOL RULES FOR THE DEAN DEVONIAN AND DEAN PERMO-PENNSYLVANIAN POOLS, LEA COUNTY, NEW MEXICO.

ORDER OF DISMISSAL

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on November 13, 1956, and at 9 o'clock a.m. on December 13, 1956, and again at 9 o'clock a.m., on January 16, 1957, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this <u>30th.</u> day of January, 1957, the Commission, a quorum being present, having considered the evidence adduced, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this case and the subject matter thereof.

(2) That applicant, by its attorney, entered an appearance and moved to dismiss the cause.

(3) That said cause should therefore be dismissed.

IT IS THEREFORE ORDERED:

That the application of the Ohio Oil Company for rehearing in Case 1102, Order R-892, which established pool rules for the Dean-Devonian and Dean Permo-Pennsylvanian Pools, Lea County, New Mexico, be and the same is hereby dismissed.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO OIL CONSERVATION COMMISSION

EDWIN L. MECHEM, Chairman MURRAY E. MORGAN, Member A. L. PORTER, Jr., Member & Secretary

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IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION COMMISSION OF NEW MEXICO FOR THE PURPOSE OF CONSIDERING:

> CASE NO. 958 Order No. R-707

THE MATTER OF THE APPLICATION OF SINCLAIR OIL AND GAS COMPANY FOR AN ORDER CREATING AND DEFINING THE DEAN-DEVONIAN POOL, AND ESTABLISH-ING A UNIFORM 40-ACRE SPACING PATTERN IN THE DEVONIAN COMMON SOURCE OF SUPPLY DISCOVERED BY THEIR J. P. DEAN WELL NO. 1, SE /4 SW/4 SECTION 35, TOWN-SHIP 15 SOUTH, RANGE 36 EAST, NMPM, LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9:00 a.m. on September 15, 1955, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission".

NOW, on this 13th., day of October, 1955, the Commission, a quorum being present, having considered the testimony adduced and the exhibits received at said hearing, and being fully advised in the premises,

FINDS:

(1) That due notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That a common source of supply in the Devonian formation was discovered by the Sinclair Oil and Gas Company's J. P. Dean Well No. 1, located 660 feet from the south line and 1980 feet from the west line of Section 35, Township 15 South, Range 36 East, Lea County, New Mexico.

(3) That the said common source of supply should be denominated the Dean-Devonian Pool and should be classified, defined, and described as follows:

Township 15 South, Range 36 East, NMPM All of Sections 26 and 35 E/2 NE/4 and the SE/4 of Section 34

-2-

Township 16 South, Range 37 East, NMPM Lots 1, 2, 3, 4, 5, 6, 7 and 8 of Section 5 Lots 1, 2, 7 and 8 of Section 6

(4) That geological and engineering data presented to the Commission indicates that one well will drain 40 acres, and that the Dean-Devonian Pool should be developed on 40 acre proration units.

(5) That all wells drilled in the Dean-Devonian Pool should be located near the center of each governmental quarter-quarter section, with a tolerance of 150 feet in any direction to avoid surface obstructions. That wells now drilled or presently drilling prior to issuance of this order that are not in conformance to this order, should be granted an exception to the spacing pattern.

IT IS THEREFORE ORDERED:

(1) That the Dean-Devonian Pool be and the same is hereby created as the common source of supply as discovered in the Sinclair Oil and Gas Company's J. P. Dean Well No. 1, located 660 feet from the south line and 1980 feet from the west line of Section 35, Township 15 South, Range 36 East, Lea County, New Mexico, and any extension thereof as may be determined by further development.

(2) That 40-acre proration units be and the same are hereby established for the Dean-Devonian Pool, the limits of which are hereby designated to include the following probable productive acreage:

Township 15 South, Range 36 East, NMPM All of Section 26 and 35 E/2 NE/4 and SE/4 of Section 34

Township 16 South, Range 37 East, NMPM Lots 1 through 8 inclusive of Section 5 Lots 1, 2, 7 and 8 of Section 6

(3) That all wells drilled in the Dean-Devonian Pool shall be located in the center of each governmental quarter-quarter section, with a tolerance of 150 feet in any direction to avoid surface obstructions.

(4) That the Magnolia, Harkrider Well No. 1, located 330 feet from the east line and 1980 feet from the south line of Section 34, Township 15 South, Range 36 East, which is now drilling in this pool shall be an exception to the spacing rules herein provided.

(5) That no well shall be drilled or produced in said pool except in conformity with the spacing pattern set forth above without special order of the Commission after due notice and hearing.

designated.

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(6) That individual well allowables for wells drilled in conformity with the spacing pattern set forth above shall be established in accordance with the 40 acre proportional factors provided in the Rules and Regulations of the Commission.

(7) That those wells completed within the Dean-Devonian Oil Pool on lots containing more than 40 acres shall have their allowables computed in accordance with the provisions of Rule 104, Paragraph h and j.

(8) That those wells located on lots containing more than 40 acres may be located 660 feet from the north line of the lot.

DONE at Santa Fe, New Mexico, on the day and year hereinabove

STATE OF NEW MEXICO OIL CONSERVATION COMMISSION

JOHN F. SIMMS, Chairman

E. S. WALKER, Member

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W. B. MACEY, Member and Secretary