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# STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

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

CASE NO. 11127 ORDER NO. R-10263

APPLICATION OF MANZANO OIL 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 8:15 a.m. on October 27, 1994, at Santa Fe, New Mexico, before Examiner Michael E. Stogner.

NOW, on this 29 day of November, 1994, the Division Director, having considered 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, Manzano Oil Corporation ("Manzano"), seeks approval of an unorthodox oil well location for its S. V. Sundown State Well No. 1 to be drilled 477 feet from the South line and 191 feet from the West line (Unit M) of Section 14, Township 10 South, Range 37 East, NMPM, to test the Devonian formation, Undesignated North Echol-Devonian Pool, Lea County, New Mexico.
- (3) The proposed well location is within the governing limits of the North Echol-Devonian Pool and is subject to the Division's Statewide Rules and Regulations which require standard 40-acre spacing and proration units with wells to be located no closer than 330 feet from the outer boundary of the spacing unit.
- (4) The SW/4 SW/4 of said Section 14 is to be dedicated to said well to form a standard 40-acre oil spacing and proration unit.

- (5) The applicant presented a geological interpretation of the Devonian formation in the general area of the proposed well with information obtained from geophysical seismic data. The applicant is proposing to drill the subject well at a location appearing to be at a more structurally advantageous position than a well drilled at a standard location thereon, thereby increasing the likelihood of obtaining commercial production.
- (6) Information submitted by the applicant subsequent to the hearing indicates that the SW/4 of said Section 14 and the off-setting property to the west, in which the proposed well is crowding, comprising the SE/4 of Section 15, Township 10 South, Range 37 East, NMPM, to test the Devonian formation, Undesignated North Echol-Devonian Pool, Lea County, New Mexico, are two separate "State" leases; however, the joint beneficiary institutions for both leases are the New Mexico School for the Deaf and the New Mexico School for the Visually Handicapped.
  - (7) The applicant is the lessee of the two above-described State leases.
  - (8) No other interested party appeared at the hearing in opposition to this application.
- (9) Approval of this application will afford the applicant the opportunity to produce its just and equitable share of the oil in the Undesignated North Echol-Devonian 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 Manzano Oil Corporation for an unorthodox oil well location to be drilled 477 feet from the South line and 191 feet from the West line (Unit M) of Section 14, Township 10 South, Range 37 East, NMPM, to test the Devonian formation, Undesignated North Echol-Devonian Pool, Lea County, New Mexico, is hereby approved.
- (2) The SW/4 SW/4 of said Section 14 shall be dedicated to said well forming a standard 40-acre oil spacing and proration unit.
- (3) Jurisdiction is hereby 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

WILLIAM J. LEMAY Director

SEAL

District 1

1625 N. French Dr., Hobbs, NM 88240

3000

District II 811 South First, Artesia, NM 88210

District III 1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico Energy, Minerals & Natural Resources

Form C-10 Revised March 25, 199

# OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505

Submit to Appropriate District Offic

<u>District IV</u> 2040 South Pac	checo, San	1a Fe. NM 87:	505			-					AME	ENDED REPOR
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# State of New Mexico Energy, Minerals & Natural Resources Department

Form C-104 Revised February 10, 1994

District II

OIL CONSERVATION DIVISION

Instructions on back

NO Drawer D	D, Artesia,	NM	88211-0719
District III			24.1

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Previous Operator Signature

Submit to Appropriate District Office

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D.E. Brown

Title VP Engineering Date 4/27/95

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary 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, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

### INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

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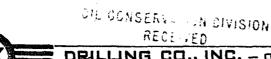
Submit 3 Copies to Appropriate District Office RECTIONS Minerals and Natural Resources Department	Form C-103 Revised 1-1-89
P.O. Box 1980, Hobbs, NM 882407 OIL CONSERVATION DIVISION P.O. Box 2088	WELL API NO. 30-025-32750
DISTRICT II P.O. Drawer DD, Ariesia, NM 88210 Santa Fe, New Mexico 87504-2088	5. Indicate Type of Lease
DISTRICT III 1000 Rio Brazos Rd., Aziec, NM 87410	STATE X FEE  6. State Oil & Gue Lease No. VA-1134
SUNDRY NOTICES AND REPORTS ON WELLS	
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	7. Lease Name or Unit Agreement Name
1. Type of Well: OIL	"SV" Sundown State
2 Nums of Operator  Manzano Oil Corporation 505/623-1996	8. Well No.
3. Address of Operator	9. Pool name or Wildcat
P.O. Box 2107/Roswell, NM 88202-2107	Wildcat
Unit Letter M: 477 Feet From The South Line and 191	Feet From The West
10. Elevation (Show whether DF, RKB, RT, GR, 416.)  3941 'GL  11. Check Appropriate Box to Indicate Nature of Notice, R.  NOTICE OF INTENTION TO:  PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK  TEMPORARILY ABANDON CHANGE PLANS COMMENCE DRILLING  PULL OR ALTER CASING CASING TEST AND CE  OTHER:  OTHER:	SEQUENT REPORT OF:  ALTERING CASING  OPNS. PLUG AND ABANDONMENT [ MENT JOB [
12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, inclusions). SEE RULE 1103.	ling estimated date of starting any proposed
1/29/95 PBTD 5482'. Set 3rd cement plug of 200 sks Class "I 5789'. Set 4th plug of 150 sks Class "H" + 2% CaCl	H" + 2% CaCl. Tag plug @ @ 5788'. Tag plug @ 5482'.
1/30/95 Drlg with downhole motor and 2 bent sub @ 5491'. To off to 5490'.	ag plug @ 5463'. Dress plug
1/31/95 Drlg @ 5563' w/motor. 2/01/95 Drlg @ 5705'.	
3/11/95 TD 12,174'. Ran 302 jts 5-1/2" S95 & N80 20# & 23# Set csg @ 12,140'KB. Cemented in 2 stages. 1st staged 2nd stage cement of 415 sks of Class "H".	csg. DV tool @ 10,007'. age w/180 sks Class "H"
I hereby carely that the information above is true and complete to the best of my knowledge and belief.	

(Thus spaces for Simes Uses)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

MAY 18 1995

**ТЕГРНОМЕ НО.** 623-1996



LING CO., INC. - OIL WELL DRILLING CONTRACTORS

TIT 8 52

505/623-5070 ROSWELL, NM

P. D. BOX 1498 ROSWELL, NEW MEXICO 88202-1498 505/746-2719 ARTESIA, NM

March 13, 1995

Manzano Oil Corporation P.O. Box 2107 Roswell, N.M. 88202

RE: "SV" Sundown State #1 Linit 177 14-10-37 477/54 19/4

Gentlemen:

30.005-32750

The following is a Deviation Survey on the above referenced well located in Lea County, New Mexico.

350' - 3/4° 835' - 1° 1316' - 1 1/4° 1809' - 1 1/4° 2278' - 1/2° 2795' - 3/4°	4260' - 1 3/4° 4780' - 3/4° 5280' - 1 3/4° 5551' - 3° 5595' - 2 3/4° 5657' - 4 3/4°	5946' - 1 1/2° 6103' - 1° 6605' - 1/2° 7102' - 3/4° 7595' - 1° 8086' - 3/4°	9461' - 3/4° 9961' - 3/4° 10,459' - 3/4° 10,902' - 1 3/4° 11,255' - 3° 11,739' - 2 3/4°
3295' - 1°	5759' - 3 1/2°	8584' - 3/4°	12,130' - 3°
3762' - 3/4°	5852' - 2 1/4°	8 <b>9</b> 50' - 1/2°	12,174' - 3° TD

Sincerely

Gary W. Chappell Contracts Manager

STATE OF NEW MEXICO)

COUNTY OF CHAVES

The foregoing was acknowledged before me this 13th day of March 1994 by Gary W. Chappell.

MY COMMISSION EXPIRES

October 07, 1996

DISTRICT I
P.U. BOX 1980, Hobbs, Mil 88240 E. L. VED

DISTRICT T

#### State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102 Revised February 10, 1994 Instruction on back

Submit to Appropriate District Office

State Lease - 4 Copies Fee Lease - 3 Copies

DISTRICT II P.O. Drawer DD. Arpener BNC88210 2

AM 8 52

DISTRICT III 1000 Rio Braxos Rd., Aztec, NM 67410

#### OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

AMENDED REPORT

### WELL LOCATION AND ACDEACE DEDICATION DIAT

API	Number			Pool Code			Pool Name					
30-025-3	30-025-32750			040		Wildcat Devenian						
	Property Code			_	• •	Property Name Well Number SUNDOWN STATE 1						
OGRID No. /395	_			N	· ·	Decretor Name Elevation ZANO OIL CORP. 3941'						
					Surface Loca	ation						
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County			
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			Bottom	Hole Loc	cation If Diffe	rent From Sur	face					
JL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County			
Dedicated Acres	Joint o	or Infill Co	nsolidation (	Code Or	der No.	<u>L</u>						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	OPERATOR CERTIFICATION
	I hereby certify the the information
	contained herein is true and complete to the
	best of my knowledge and belief.
	1 Dans
<del>-</del>	Signature
	D.E. Brown
	Printed Name
	VP Engineering
	Title
	May 3, 1995
	Date
	SURVEYOR CERTIFICATION
	SURVETOR CERTIFICATION
	I hereby certify that the well location shown
	on this plat was plotted from field notes of
	actual surveys made by me or under my supervisor, and that the same is true and
]	correct to the thest of my better.
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	SEPTEMBER 19, 1994
	Date Surveyed
	Signature & Seal of
	Professional Surveyor
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8881 F 41.44	W.O. Num. 94-11-1604
28301 COO	- Control of the cont
\$ 30 TAO	Certificate No. JOHN W. WEST, 676
4	RONALD J. EIDSON, 3239

CONDITIONS OF APPROVAL IF ANY:

## OIL CONSERVE ON PSTATE OF New Mexico Energy: Minerals and Natural Resources Department

F--- C-103

to Appropriate Revised 1-1-89 DISTRICT! P.O. BOX 1980, HODDA, NIM \$8240 95 FEOIL CONSERVATION DIVISION WELL APLNO. P.O. Box 2088 30-025-32750 DISTRICT II Santa Fe. New Mexico 87504-2088 5. Indicate Type of Laue P.O. Drawer DD, Artesia, NM 88210 STATE FEE [ DISTRICT III & Suis Oil & Gus Leuss No. 1000 Rio Brazos Rd., Azzec, NM 87410 VA-1134 SUNDRY NOTICES AND REPORTS ON WELLS ( DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A 7. Lease Name or Unit Agreement Name DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) 1. Type of Well: "SV" Sundown State WELL X WELL 2. Name of Operator & Well No. Manzano Oil Corporation 505/623-1996 9. Pool same or Wildox 3. Address of Operator Wildcat P.O. Box 2107/Roswell, NM 88202-2107 Well Location West 191 477 South \_ Feet From The Unit Letter \_\_ Feet From The Township 10 South Range 37 East Lea **NMPM** Section Courty 10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3941 GL Check Appropriate Box to Indicate Nature of Nonce, Report, or Other Data 11. NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF: PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK ALTERING CASING TEMPORARILY ABANDON CHANGE PLANS COMMENCE DRILLING OPNS. PLUG AND ABANDONMENT PULL OR ALTER CASING CASING TEST AND CEMENT JOB OTHER: OTHER: 12. 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 12,131'. Present Oper: Fishing for dropped drill pipe. Pulled 1 stand plus 1/23/95 part of 2nd stand. Was 180' off bottom. Drill line parted and dropped drill pipe and block. 1/24/95 TD 12,131'. Present Oper: TIH to find top of fish w/mill. POOH w/56 stands + 24' of parted jt. Total tally of drill pipe recovery 5939'. Tag top of fish 0 5950'. TD 12,131'. Present Oper: Waiting on wireline truck to run fish finder. TIH. 1/25/95 Tried to hook fish - could not get below 5960'. POOH. TD 12,131'. Run fish finder. Found fish @ 5933'. Pick up wash over pipe, 1/26/95 shoe and mill. Tag fish @ 5958'. Wash over fish to 5990'. Mill is @ 5958'. Prep to set 150 sk plug @ 5965' & dress off. Will sidetrack hole. 1/27/95 is to the best of my knowledge and belief. Engineering Technician Allison Hernandez **ТЕLЕРНОНЕ НО.** 623-1996 TYPE OR PRINT NAME DISTRICT 1 SUPERVISOR (Thus space for Sime Use) JAN 3 0 1995 APPROVED BY

OIL CONSERVE IN DIVISION RECEIVED

State of New Mexico Substit 3 Copies Ferm C-103 ' C Energy, Minerals and Natural Resources Department to Appropriate District Office Revised 1-1-89 OIL CONSERVATION DIVISION WELL API NO. P.O. Box 1980, Hobbs, NM 88240 P.O. Box 2088 30-025-32750 DISTRICT II Santa Fe, New Mexico 87504-2088 P.O. Drawer DD. Artesia, NM 88210 5. Indicate Type of Lease STATE FEE [ DISTRICT III 1000 Rio Brazos Rd. Aztac NM 87410 6. State Oil & Gre Lease No. VA-1134 SUNDRY NOTICES AND REPORTS ON WELLS ( DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A 7. Lease Name or Unit Agreement Name DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) Type of Well: "SV" Sundown State WELL ( WELL X 2 Name of Operator & Well No. Manzano Oil Corporation 505/623-1996 3. Address of Operator 9. Pool same or Wildcat P.O. Box 2107/Roswell, NM 88202-2107
Well Location Wildcat 477 Feet From The 191 West South Feet From The Township 10 South 14 37 East Lea Range Section **NMPM** 10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3941 GL Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF: PERFORM REMEDIAL WORK PLUG AND ARANDON REMEDIAL WORK ALTERING CASING TEMPORARILY ABANDON **CHANGE PLANS** COMMENCE DRILLING OPNS. PLUG AND ABANDONMENT PULL OR ALTER CASING CASING TEST AND CEMENT JOB X OTHER: OTHER: 12. 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. Spud 17-1/2" hole @ 8:00 p.m. 12/11/94. Ran 8 jts (353.96') of 13-3/8" 48# 12/12/94 WCH 40 ST&C 8R csg. Set @ 350'KB. Cemented w/350 sks. Circl 85 sks. Ran 95 jts (4274.03') of 8-5/8" K55 32# ST&C 8R API new csg. Set @ 4260'KB. 12/18/94 Cemented w/1240 sks Lite. Tail in w/200 sks Class "C". Circl 185 sks.

THE Engineering Technician

THE Engineering Technician

THE PHONE NO. 505/623-199

THE PHONE NO. 505/623-199

THE PHONE NO. 505/623-199

THE CONDITIONS OF APPROVAL P ANT:

District 1 PO Box 1980, Hobbs, NM 88241-1980 District II PO Drawer DD, Artesia, NM 88211-0719 District III

State of New Mexico 20138 Form C-101
Energy, Minerals & Natural Resources Department Revised February 10, 1994
Instructions on back instructions on back

OIL CONSERVATION DIVISION
PO Box 2088
Submit to Appropriate District Office
PO Box 2088
State Lease - 6 Copies

1000 Rio Brazos	Rd., Aztec,	NM 87410		Santa	a Fe, NM 8	37504-2088	5			ree	Lease - 5 Copie				
District IV PO Box 2088, Sar	nta Pe, NM	87504-2088								AMEN	DED REPORT				
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		l Corpo	ration	l						<sup>3</sup> API Number					
ž.	Box 2	107 M 8820	2-2107	•						30 - 0 💃	25-32750				
	erty Code	T JOEG	<u> </u>		, [	roperty Name		<del> </del>		<u> </u>	· Well No.				
1611	3			"SV" St	undown Sta	ite					1				
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UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South	line	Fact from the	East/V	Vest Line	County				
М	14	105	37E		477	South		191	l	lest	Lea				
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UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South		Feet from the		Vost line	County				
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		* Propos	ed Pool 1					" Propo	ed Pool	2	·				
Wildcat															
" Work 1	Type Code	12 Well Type Code			<sup>13</sup> Cabi	Cable/Rotary <sup>14</sup> Lease Type Code <sup>14</sup> Ground Level Eleva									
	N		0			R S 3941'						R S			3941'
" Mi	ıttipie		17 Proposea D		" For	ormation '' Contractor <sup>36</sup> Sped Date					Sped Date				
	No		12,1		<u>Devoni</u>	onian WEK Drlg. Co. 12/5/94									
			21	Propos	ed Casing a	nd Cement	t Pro	ogram		_					
Hole S			g Size	<del></del>	ng weight/foot	Setting D		<del></del>	f Cemes		Estimated TOC				
17-1,		13-3			-1/2#	350		32	5	<del></del>	rcl				
12-1,		8-5			<u>&amp; 32#</u>	4,300		132		30					
7-7	/8"	5-1	/2"	20	<u>&amp; 17#</u>	12,100	-	50	0	900	0'				
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	D.E.	Brown				ide: DiST	1	T SUP	∌Vio	AR					
Title:	Vice	Preside	nt of	Engine	erina /	(pproval Dada) E	C E	11 1994	Expiration	d'Ole:	·				

Conditions of Approval .

Attached 🚨

Phone:

(505) 623-1996

11/29/94

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

#### State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102 Revised February 10, 1994 Instruction on back Submit to Appropriate District Office

> State Lease - 4 Copies Fee Lease - 3 Copies

DISTRICT II P.O. Drawer DD, Artesia, NM 85210

1000 Rio Brazos Rd., Aztec, NM 67410

API Number

DISTRICT III

# OIL CONSERVATION DIVISION

Pool Code

961,39

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

Well Number

VONICEN

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

16113		1			SV SUNDOWN	N STATE		1	
OGRID No.			<del></del>		Operator Nam		· · · · · · · · · · · · · · · · · · ·	Eleva	
13951	4	<u> </u>	···		MANZANO OI	L CORP.		394	1'
					Surface Loc	ation			
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
М	14	105	37E		477	SOUTH	191	WEST	LEA
			Bottom	Hole Lo	cation If Diff	erent From Sur	face		
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	Joint o	r Infill Co	nsolidation	Code Or	der No.	<u></u>	L		<del></del>
40	1								
NO ALLO	WABLE W	TILL BE A	SSIGNED '	TO THIS	COMPLETION	UNTIL ALL INTER	RESTS HAVE BE	EN CONSOLIDA	ATED
		OR A	NON-STAN	IDARD UI	NIT HAS BEEN	APPROVED BY	THE DIVISION		
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177	- 1				ì		Certificate N	O, JOHN W. WES	
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KEN REYNOLDS-PRESIDENT ARNIE NEWKIRK-VIDE-PRESIDENT

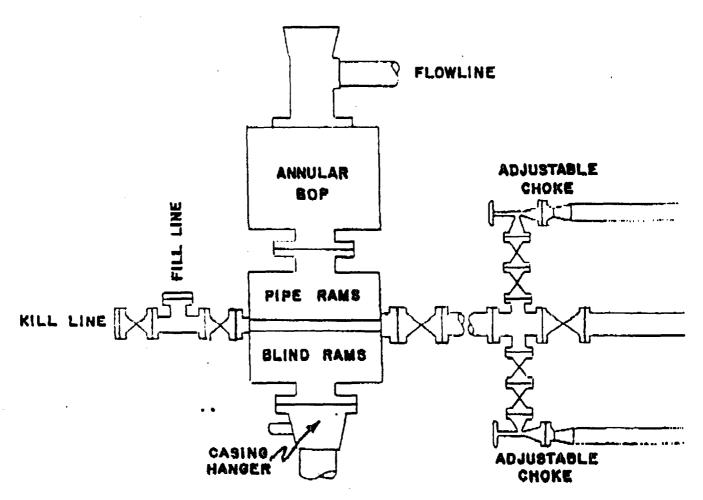
DRILLING CO., INC. - DIL WELL DRILLING CONTRACTORS

P. D. DEN 1498 RUEWELL, NEW MEXICO 10108-14 603/622-3070 SG6/748-2719 ROSWELL, NH ARYESIA, NH

## RIG #2

# BLOWOUT PREVENTOR ARRANGEMENT

11" SHAFFER TYPE LWS, 5000 psi WP 11" CAMERON SPHERICAL, 5000 psi WP 120 GALLON, 5 STATION KOOMEY ACCUMULATOR 5000 psi WP CHOKE MANIFOLD



MANZANO OIL CORPORATION BOP Specifications "SV" Sundown State #1 477'FSL & 191'FWL Sec 14, T10S, R37E

WES COMPLETIC	N REPO	RT.			
REISSUES PI# 30-T-0001 03/08/9	SEC 30-025	14 TWP -32750-	10S R	GE 3	17E 5E 1
NMEX LEA *	477FSL	191FWL	SEC	SW S	SW
MANZANO OTL				WF	WFD
OPERATOR SUNDO	WN 'SV' S'	TATE			
WELL NO. LEASE N. 3956KB 3941GR			ECHOL N	E	
OPER ELEV		API	30-025-	32750-	-0000
12/12/1994 04/28/19	95 ROTARY	VERT		01	L
SPUD DATE *****************COMP. DATE ** 12100 DEVONIAN W E K	DRLG	2	RIG	SUB	14
PROJ. DEPTH *****PROJ. FORM ***********CO			FM/TD	DEVON	IIAN
DRILLERS T.DLOG T.D. LOCA	TION DESC			FORM 1	r.D. ***********************************
14 MI SE CROSS ROADS, 3 MI SE/4961 (SADR) C	NM OIL PROD I	N SAWYE	R W FIE	LD	
WELL IDEN	TIFICATIO	N/CHANG	ES		
LSE NAME CHGD FRON SU FIELD CHGD FROM WILDO FIELD CHGD FROM UNNAM	AT	STATE	-		
CAS	ING/LINER	DATA			
CSG 13 3/8 @ 350 W/ CSG 8 5/8 @ 4260 W/ CSG 5 1/2 @12140 W/	350 SACK 1440 SACK 595 SACK	 S S			
	TUBING DA	TA			
TBG 2 7/8 AT 9041		<b></b>			
	INITIAL P	OTENTIA	L		
IPP 237BOPD DEVONIAN OPENHOLE PERF 12140-12174 GTY 42.0 FIELD /RES	22BW SERVOIR	1214	- 0-12174 TSTM	•	24HRS
	ONIAN		c# 2002		201
		THITTED I	C# 3000	5 7D575	4U/i

Pretroleum Information Corporation

PI-WRS-GET

COPYRIGHT 1996

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REISSUES SEC 14 TWP 10S RGE 37E PI# 30-T-0001 03/08/96 30-025-32750-0000 PAGE 2
MANZANO OIL
                                                                           WF WFD
                         SUNDOWN 'SV' STATE
TYPE FORMATION LTH TOP DEPTH/SUB BSE DEPTH/SUB
                                2300
2950
4838
7075
7752
         SALT
YATES
SN ANDRS
DRINKARD
                                           1641
991
-897
LOG
LOG
LOG
LOG DRINKARD 7075 -3134
LOG ABO 7752 -3811
LOG WOLFCAMP 8950 -5009
LOG PNNSYLVN 9510 -5569
LOG MSSP 11494 -7553
LOG DEVONIAN 12052 -8111
SUBSEA MEASUREMENTS FROM GR
                        FORMATION TEST DATA
DST 1
NO DETAILS
DST 2
NO DETAILS
DST 3
NO DETAILS
DST 4
NO DETAILS
DST 5
NO DETAILS
DST 6
NO DETAILS
                       PRODUCTION TEST DATA
DEVONIAN OPENHOLE
OPEN 12140-12174
ACID 12140-12174
15% HCL
                                                     12140-12174
                              500GALS
                      LOGS AND SURVEYS /INTERVAL, TYPE/
LOGS
                                                     LDT
                                                                                DLL
LOGS
                          MSFL
                                                     BHCS
```

CONTINUED

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REISSUES
PI# 30-T-0001 03/08/96 SEC 14 TWP 109
30-025-32750-0000
                                                                                                                                                                                                                                                     37E
                                                                                                                                                                                                   10S RGE
                                                                                                                                                                                                                                            WF
                                                                                                                                                                                                                                                         WFD
 MANZANO OIL
                                                                                SUNDOWN 'SV' STATE
                                         DRILLING PROGRESS DETAILS
                                                           MANZANO OIL
BOX 2107
ROSWELL, NM 88202
505-623-1996
LOC/1994/
DRLG 350
DRLG 5300
DRLG 5300
DRLG 8050
DRLG 9674
DRLG 10593
 12/02
12/12
12/20
12/27
01/03
12/27 DRLG 8050
01/03 DRLG 9674
01/10 DRLG 10593
01/17 DRLG 11870
01/26 12100 TD, FSG STUCK DP
01/30 12100 TD, DRLG BY @ 5491
02/03 COULD NOT REC FISH, SET PLUGS & DRLD OFF
02/06 12100 TD, DRLG BY @ 8320
02/13 12100 TD, DRLG BY @ 10080
02/22 12100 TD, DRLG BY @ 11200
02/27 12100 TD, DRLG BY @ 11545
03/06 12174 TD, CIRC
03/15 12174 TD, WOCT
04/11 12174 TD, WOCT
04/27 RIG REL 03/11/95
05/23 RIG REL 03/11/95
05/23 T1274 TD
COMP 4/28/95, IPP 237 BO, 22 BWPD,
GTY 42, GOR TSTM
PROD ZONE - DEVONIAN 12140-12174
NO CORES, SIX DSTS (TITE) RPTD
05/23 (DEVONIAN DISCOVERY - NEW FIELD)
03/05 REISSUE TO CORRECT FIELD
REPLACEMENT FOR TICKET ISSUED 5/25/
```

REPLACEMENT FOR TICKET ISSUED 5/25/95

WRS COMPLETIONS PI# 30-T-0020 05/25/9	SEC 14 TWP	10S RGE 37E
P.F 3FT-0020-05/25/9	5 30-025-32750-0	UUU PAGE I
NMEX LEA *	477FSL 191FWL S	EC SW SW
MANZANO OIL OPERATOR		WF WFD
1 SUNDOWN 'SV' STATE WELL NO. LEASE NAME		
3956KB 3941GR	U	NNAMED
OPER ELEV	API 3	0-025-32750-0000
12/12/1994 04/28/19	95 ROTARY VERT	OIL
SPUD DATE COMP. DATE 12100 DEVONIAN W E K	DRLG 2	RIG SUB 14
PROJ. DEPTH *****PROJ. FORM ************************************		FM/TD DEVONIAN
DRILLERS T.D. LOG T.D. PLUG BACK TD OLD T.D. FORM T.D. LOCATION DESCRIPTION		
14 MI SE CROSS ROADS, NM 3 MI SE/4961 (SADR) OIL PROD IN SAWYER W FIELD		
WELL IDENTIFICATION/CHANGES		
LSE NAME CHGD FRON SUNDOWN SV STATE FIELD CHGD FROM WILDCAT		
CASING/LINER DATA		
CSG 13 3/8 @ 350 W/ CSG 8 5/8 @ 4260 W/ CSG 5 1/2 @12140 W/	350 SACKS 1440 SACKS 595 SACKS	
	TUBING DATA	
TBG 2 7/8 AT 9041		
	INITIAL POTENTIAL	
IPP 237BOPD DEVONIAN OPENHOLE	22BW 12140	24HRS
	ERVOIR	- TSTM
/DEVONIAN		

CONTINUED IC# 300257052894

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Petroleum Information Corporation PI-WRS-GET

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COMPLETIONS SEC 14 TWP 10S PI# 30-T-0020 05/25/95 30-025-32750-0000
                                                    10S RGE
                                                                 37E
                                                              PAGE 2
MANZANO OIL
                                                               WF WFD
                     SUNDOWN 'SV' STATE
TYPE FORMATION LTH TOP DEPTH/SUB BSE DEPTH/SUB
                          2300
2950
4838
7075
7752
                                    1641
991
-897
LOG
       SALT
       YATES
SN ANDRS
DRINKARD
LOG
LOG
LOG
LOG
       ABO
                          8950
9510
       WOLFCAMP
LOG
                                  -5009
       PNNSYLVN
MSSP
LOG
                         11494
12052
LOG
       DEVONIAN
LOG
SUBSEA MEASUREMENTS FROM GR
                    FORMATION TEST DATA
DST 1
NO DETAILS
DST 2
NO DETAILS
DST 3
NO DETAILS
DST 4
NO DETAILS
DST 5
NO DETAILS
DST 6
NO DETAILS
                    PRODUCTION TEST DATA
DEVONIAN OPENHOLE
OPEN 12140-12174
ACID 12140-12174
15% HCL
                                            12140-12174
                           500GALS
                   LOGS AND SURVEYS /INTERVAL, TYPE/
LOGS
                     CNL
                                            LDT
                                                                   DLL
LOGS
                     MSFL
                                            BHCS
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CONTINUED

COMPLETIONS SEC 14 TWP 10S RGE 37E PI# 30-T-0020 05/25/95 30-025-32750-0000 PAGE 3

MANZANO OIL

SUNDOWN 'SV' STATE

WF WFD

CMD: ONGARD

OG6IWCM

09/21/04 09:57:03

INQUIRE WELL COMPLETIONS OGOMES -TP9Y

Pool Idn API Well No: 30 25 32750 97017 ECHOL; WOLFCAMP, NORTHEAST Eff Date : 02-01-2004 WC Status : A

OGRID Idn 147179 CHESAPEAKE OPERATING, INC.

Prop Idn 300114 SV SUNDOWN STATE

Well No 001

GL Elevation: 3941

U/L Sec Township Range North/South East/West Prop/Act (P/A)

FTG 477 F S FTG

191 F W

ש

Lot Identifier:

B.H. Locn

14

10S

37E

Dedicated Acre: 40.00

Lease Type

Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

E6317: No more recs. for this api well no.

PF07 PF01 HELP PF02 PF08 PF09 PF03 EXIT PF04 GoTo PF10 NEXT-WC PF11 HISTORY PF12 NXTREC PF05 PF06