JAN 25 1999

CONSERVATION OTVISCOR

MARTIN YATES, III 1912 - 1985 FRANK W. YATES 1936 - 1986



105 SOUTH FOURTH STREET
ARTESIA, NEW MEXICO 88210
TELEPHONE (505) 748-1471

CHAIRMAN OF THE BOARD
JOHN A. YATES
PRESIDENT
PEYTON YATES
EXECUTIVE VICE PRESIDENT
RANDY G. PATTERSON
SECRETARY
DENNIS G. KINSEY
TREASURER

January 22, 1999

Mr. Michael E. Stogner New Mexico Oil Conservation Division 2040 South Pacheco Street Santa Fe, New Mexico 87505

RE:

Administrative Order NSL-4128

Sand Spring "ASU" St #1

Township 11 South, Range 34 East

Section 11: N/2

Lea County, New Mexico

Dear Mr. Stogner:

The administrative order granted to Yates by the Division on September 2, 1998 is in need of revision due to the fact that the well was re-completed as a Morrow gas producer rather than an Atoka producer in perforations from 12,100' to 12,130' and 12,172 to 12,188'.

All other facts on our application letter of August 26, 1998 remain the same including the fact that Yates Petroleum Corporation is the operator on all the offset spacing units.

The well is currently shut-in awaiting a revision of NSL-4128.

Please call me at (505) 748-4351 if you need further information

Thank you.

Very truly yours,

YATES PETROLEUM CORPORATION

1. V Bullock

Robert Bullock

Landman

RB:bn

PETROLEUM INFORMATION/DWIGHTS MIDLAND REGION REPORT SECTION III - 11/20/98

PAGE 25

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NEW MEXICO DRILLING PROGRESS LEA COUNTY CONTINUED

TIPPERARY O&G 1 QUEEN COM API 30-025-22642-0001

20-11S-33E 1980 FSL 660 FWL SEC WILDCAT; 6175 SAN ANDRES, (FR 10/28/98MD) (ST APPD PMT: 03/06/98) OPER ADD: 633 17TH ST STE 1550, DENVER, CO, 80202 PHONE (303) 293-9379; EL: 4306 GR; LOCATION DATA: 5 MI SE CAPROCK, NM .25 MI E/9392 (BUGHC) OIL PROD IN BAGLEY NORTH FIELD; (VERTICAL) OWWO: OLD INFO: FORMERLY STOLTZ & CO-CLARK 1 QUEEN COM. ELEV 4318 KB. SPUD 6/28/68. 13 3/8 @ 350 W/400 SX, 8 5/8 @ 3735 W/200 SX, 4 1/2 @ 10350 W/500 SX, OTD 10350. PB 10345. COMP 8/3/68. IPF 838 BOPD, 560 BWPD. PROD ZONE: PENNSYLVANIAN LOWER 10076-10256;

LOC:

YATES PET 1 SAND SPRING 'ASU' STATE API 30-025-29843-0001 11-11S-34E NE NW

330 FNL 1650 FWL SEC

SAND SPRINGS; 12200 ATOKA, (FR 08/12/98MD) OPER ADD: 105 S 4TH ST, ARTESIA, NM, 88210 PHONE (505) 748-1471; EL: 4145 GR; LOCATION DATA: 13 MI SE CAPROCK, NM; (VERTICAL) OWDD: OLD INFO:

FORMERLY YATES PET 1 SAND SPRING 'AEH'. ELEV 4145 GR, 4161 KB. SPUD 12/9/87. 13 3/8 @ 410 W/425 SX, 8 5/8 @ 4208 W/1500 SX. LOG TOPS: BOUGH B 9891, BOUGH C 9944, RANGER LAKE 10190. OTD 10575. COMP 3/3/87 D&A:

CONTR: KEY ENERGY DRLG, RIG #37;SPUD: 09/29/98, CSG: 5 1/2 @ 13300 W/2200 SX; DST # 1, TITE; DRLG COMMENTS: CO TO 10575 DEEPENED 10575 TO 13318 (TD REACHED: 11/ 03/98), RIG REL: 11/09/98; . . . 13318 TD, WOCT (LDIR 11/12/98)

PETROLEUM DEV 1 PEDCO-STATE API 30-025-07102-0101 16-11S-38E 660 FNL 1980 FWL SEC IC 300257000498 ECHOLS EAST; 12200 DEVONIAN, (FR 01/06/98MD) (ST APPD PMT: 01/02/98) OPER ADD: 9720-B CANDELARIA NE, ALBUQUERQUE, NM, 87112 PHONE (505) 293-4044; EL: 3865 GR; LOCATION DATA: 9 MI NE GLADIOLA, NM; OLD RECORDS SHOW ELEV 3915 DF; PBHL: 1270 FNL 1520 FWL SEC, 16-11S-38E; (DEVIATED) OWST: OLD INFO: FORMERLY CITIES SERVICE OIL 1 STATE 'BE'. ELEV 3915 DF. SPUD 7/11/57. 13 3/8 @ 385 W/375 SX, 8 5/8 @ 4414 W/1535 SX, 5 1/2 @ 12089 W/600 SX. LOG TOPS: MISSISSIPPIAN 11432, WOODFORD SH 11921, DEVONIAN 12004. OTD 12089. COMP 10/23/57. IPF 172 BOPD. PROD ZONE: DEVONIAN 12004-12082. (PLUGGED PRODUCER 6/1/66):

LOC;

TOCO LLC 1 TOWER API 30-025-34526 23-12S-33E SE SW 373 FSL 2035 FWL SEC HIGHTOWER; 10200 DEVONIAN, (FR 11/04/98MD) OPER ADD: BOX 888, HOBBS, NM, 88241 PHONE (505) 393-2727; EL: 4244 GR; LOCATION DATA: 2 MI NE HALFWAY, NM; (VERTICAL)

CONTR: W E K DRLG, RIG #4;SPUD: 11/04/98, ... DRLG 4862 (LDIR 11/19/98)

J P H OIL PRODUCERS

API 30-025-25321-0101

28-12S-38E 660 FSL 810 FEL SEC IC 300257011398 WILDCAT; 12165 DEVONIAN, (FR 03/02/98MD) (ST APPD PMT: 02/27/98) OPER ADD: BOX 565, LOVINGTON, NM, 88260 PHONE (505) 396-2836; EL: 3812 GR; LOCATION DATA: 5 MI SE GLADIOLA, NM 800 FT SW/9560 (WFMP) OIL PROD IN UNNAMED FIELD: PBHL: 500 FSL 1680 FEL SEC, 28-12S-38E; (HORIZONTAL) OWHD: OLD INFO: FORMERLY WAINOCO, 1 HODGE ET AL. ELEV 3812 GR. SPUD 8/26/76. 13 3/8 @ 456 W/475 SX, 9 5/8 @ 4516 W/1500 SX, 5 1/2 @ 12219 W/300 SX. LOG TOPS: WOLFCAMP 9555, DEVONIAN 12212. OTD 12219. PB 9660. COMP 12/5/76. IPP 90 BOPD, 20 BWPD. PROD ZONE: WOLFCAMP 9560-9594:

LOC;

SABA ENERGY TEXAS 1 GUYE FERN API 30-025-34488 5-13S-36E SW SW 400 FSL 990 FWL SEC WILDCAT; 11200 CISCO, (FR 08/19/98MD) OPER ADD: 1603 SE 19TH ST STE 202, EDMOND, OK, 73013 PHONE (405) 340-3600; EL: 4003 GR; LOCATION DATA: 2 MI S TATUM, NM .25 MI E/10285 (WFMP) OIL PROD IN TATUM FIELD; (VERTICAL)

CONTR: NORTON DRLG, RIG #8;SPUD: 08/20/98, CSG: 5 1/2 @ 11220; (TD REACHED: 09/ 15/98), RIG REL: 09/17/98; ... 11220 TD, WOCT (LDIR 09/28/98)

MARKS & GARNER PROD 1 DUNCAN R W '1-6' API 30-025-03665-0001 6-13S-36E 330 FSL 330 FEL SEC WILDCAT; 14391 DEVONIAN, (FR 08/27/98MD) (ST APPD PMT: 08/25/98) OPER ADD: BOX 70, LOVINGTON, NM, 88260 PHONE (505) 396-5326; EL: 4018 DF; LOCATION DATA: 2 MI S TATUM, NM .50 MI N/13980 (DVNN) OIL PROD IN UNNAMED FIELD; (VERTICAL) OWWO: OLD INFO: FORMERLY UNION OIL OF CALIF 1 R W DUNCAN. ELEV 4018 DF. SPUD 4/16/57. 11 3/4 @ 306 W/350 SX, 8 5/8 @ 4525 W/500 SX, 5 1/2 @ 10486 W/400 SX. LOG TOPS: MISSISSIPPIAN 13211, WOODFORD 13979, DEVONIAN 14010. OTD 14393. PB 10410. COMP 11/13/57. IPF 240 BOPD. PROD ZONE: WOLFCAMP 10285-10364;

LOC;

SABA ENERGY TEXAS 1A MORRIS API 30-025-29247-0101 8-13S-36E 660 FNL 660 FWL SEC WILDCAT; 11150 CISCO-DOLO, (FR 07/23/98MD) (ST APPD PMT: 07/22/98)
OPER ADD: 1603 SE 19TH ST STE 202, EDMOND, OK, 73013 PHONE (405)
340-3600; EL: 4001 GR; LOCATION DATA: 3 MI S TATUM, NM .25 MI
SE/10285 (WFMP) OIL PROD IN TATUM FIELD; PBHL: 660 FNL 330
FWL SEC, 8-13S-36E; (DEVIATED) OWST: OLD INFO: FORMERLY HUBER J
M CORP 1 MORRIS. ELEV 4001 GR. SPUD 5/26/85. 13 3/8 @ 409 W/630 SX, 8
5/8 @ 4451 W/1300 SX. LOG TOPS: GLORIETA 5912, ABO 8079, WOLFCAMP

9475. OTD 10500. COMP 6/25/85. D&A;

CONTR: NORTON DRLG, RIG #8;SPUD: 07/12/98, CSG: 5 1/2 @ 11214; DRLG COMMENTS: CO TO 9520 SET WS& KO INTO STH @ 9590 DRLD TO 11240 IN STH RAN 5 1/2 CSG (TD REACHED: 08/ 06/98), RIG REL: 08/08/98; . . . 11240 TD, TSTG (LDIR 10/05/98)

WFX

WD

WDR

OIL CONSERVATION DIVISION 2040 South Pacheco Street Santa Fe, New Mexico 87505 (505) 827-7131

September 2, 1998

Yates Petroleum Corporation 105 South Fourth Street Artesia, New Mexico 88210 Attention: Robert Bullock

Administrative Order NSL-4128

Dear Mr. Bullock:

Reference is made to your application dated August 26, 1998 for an unorthodox Morrow gas well location for the plugged and abandoned Sand Springs "AEH" State Well No. 1 (API No. 30-025-29843), to be redesignated the Sand Springs "ASU" State Well No. 1, located 330 feet from the North line and 1650 feet from the West line (Unit C) of Section 11, Township 11 South, Range 34 East, NMPM, Lea County, New Mexico.

This well was originally drilled to a total depth of 10,575 feet in 1987 in order to test the Strawn formation for oil whereby it tested dry and was subsequently plugged and abandoned.

It is our understanding that Yates now intends to reenter the well and deepen it to an approximate depth of 12,200 feet in order to test the Undesignated Sand Springs-Atoka Gas Pool within a standard 320-acre gas spacing and proration unit comprising the N/2 of the Section 11.

The application has been duly filed under the provisions of Division General Rule 104.F of the General Rules and Regulations of the New Mexico Oil Conservation Division.

By the authority granted me under the provisions of Division General Rule 104.F(2), the above-described unorthodox gas well location is hereby approved.

Sincerely,

Lori Wrotenbery

Director

LW/MES/kv

cc: New Mexico Oil Conservation Division - Hobbs

New Mexico State Land Office - Santa Fe

District I. P.D. Box 1936, Hobbs, NM \$8241-1900

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-104 Revised February 10, 1994 Instructions on back

District II

PO Drawer DD, Artesia, NM \$8211-9719

OIL CONSERVATION DIVISION PO Box 2088

Submit to Appropriate District Office 5 Copies

District III

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

API Number

State of New Mexico Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

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

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

☐ AMENDED REPORT

1000 Rio Brazos Rd., Aztec, NM 87410 District IV PO Box 2088, Santa Fe, NM 87504-2088

² Pool Code

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District I PO Box 1980, Hobbs, NM 88241-1980 District II PO Drawer DD, Artesia, NM 88211-0719 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV

State of New Mexico Energy, Minerals & Natural Resources Department

Revised February 10, 1994 Instructions on back Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088

MENDED REPORT

Form C-102

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Submit 3 Copies to Appropriate District Office

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-103 Revised 1-1-89

DISTRICTI

OIL CONSERVATION DIVISION

P.O. Box 1980, Hobbs, NM 88240 P.O. Box 2088 WELL API NO.											
DISTRICT II Santa Fe. New Mexico 8750	30-025-29843										
P.O. Drawer DD, Artesia, NM 88210 DISTRICT III	5. Indicate Type of Lease STATE X FEE										
1000 Rio Brazos Rd., Aztec, NM 87410	6. State Oil & Gas Lease No. VO-4510										
SUNDRY NOTICES AND REPORTS ON WELLS											
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR P DIFFERENT RESERVOIFI. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	LUG BACK TO A 7. Lease Name or Unit Agreement Name										
1. Type of Well: Oil. GAS WELL X OTHER	Sand Spring ASU State										
2. Name of Operator YATES PETROLEUM CORPORATION	8. Well No.										
3. Address of Operator	9. Pool name or Wildcat morrow test										
105 South 4th St., Artesia, NM 88210	Sand Springs Atoka (gas)										
Unit Letter C : 330 Feet From The North	Line and 1650 Feet From The West Line										
Section 11 Township 11S Range	34E NMPM Lea County										
10. Elevation (Show whether DF, RI											
//////////////////////////////////////											
11. Check Appropriate Box to Indicate Natur	e of Notice, Report, or Other Data										
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:										
PERFORM REMEDIAL WORK PLUG AND ABANDON REM	MEDIAL WORK ALTERING CASING										
TEMPOFIARILY ABANDON CHANGE PLANS COM	MMENCE DRILLING OPNS. PLUG AND ABANDONMENT										
PULL OR ALTER CASING CAS	ING TEST AND CEMENT JOB										
OTHER: OTH	ER: Perforate & frac										
12. Describe Proposed or Completed Operations (Clearly state all perinent details, and give work) SEE RULE 1103. 11-17-98 - Cleaned location, set and tested anch 11-18-98 - TIH with bit, stabilizer, drill colla 12609'. Rigged up power swivel and drilled out and tagged cement at 12943'. Drilled out 272' ou late casing clean. Shut down. 11-19-98 - TOOH with tubing, drill collars, stab 2-7/8" tubing to 13215'. Displaced casing with TIH with logging tools and ran USET, CBL/CCL/GR 11-20-98 - TOOH with logs. Waiting on orders. 11-21-23-98 - Prep to perforate. 11-24-98 - Made up TCP guns and TIH with guns, pline. TIH with 1-11/16" gamma ray and correlate Set packer at 12034'. Removed BOP and nippled up Dropped bar and fired guns - perforating 12110-1 I hereby certify that the information above is true and complete to the best of my knowledge and belief.	ors. Moved in and rigged up pulling unit. rs and 2-7/8" tubing. Tagged DV tool at DV tool. Tested casing to 1400 psi. TIH f cement to float collar at 13215'. Circ-ilizer and bit. TIH with bit, scraper and 2% KCL water. TOOH. Rigged up wireline. log. acker and 2-7/8" tubing. Rigged up wired packer into place. Rigged down wireline. p wellhead. Dropped bar and opened vent.										
TYPEOR PRINT NAME Rusty Klein	TELEPHONE NO. 505/748-1471										
(This space for State Use)											

Chris Williams

DEC 21 1998

CONDITIONS OF APPROVAL, IF ANY:

DISTRICT 1 SUPERVISOR

YATES PETROLEUM CORPORATION Sand Spring ASU State #1 Section 11-T11S-R34E Lea County, New Mexico

SUNDRY NOTICE CONTINUED FROM PREVIOUS PAGE:

Flow tested. Shut well in.

11-25-98 - Blowed well down. Swabbed & flared well to pit. Shut well in. 11-26-29-98 - Blowed well down. Loaded tubing with 2% KCL water. Nippled down wellhead and installed BOP. TOOH. Rigged up wireline. TIH with gauge ring to 12340'. TOOH. TIH with CIBP and set CIBP at 12288'. TOOH and rigged down wireline. TIH with arrowset packer with on/off tool (1.875") and 2-7/8" tubing. Tested CIBP to 4000 psi. Pulled up and set packer at 12041'. Removed BOP and nippled up wellhead. Tested annulus to 1800 psi. Swabbed well down to 10800'. Could not get past 10800'. Suspect half of swab cup in the tubing. Shut down.

11-30-98 - Blowed well down. TIH with taper tap on sand line. Did not get swab cup. TIH with rod with wires on sandline. Did not get swab cup. Nippled down wellhead and installed BOP. Get off on/off tool and TOOH. Removed swab cup from tubing. TIH and latched onto packer at 12041'. Removed BOP and nippled up wellhead. Tested annulus to 1600 psi. Swabbed.

12-1-98 - Installed treesaver. Frac'd perforations 12110-12188' (Morrow) with 18,228 gallons 3% KCL water, 140 tons CO2 (total of 51500 gallons CO2 foam) and 59500# 20-40 interprop. Shut well in for 3 hours. Opened well and flowing back frac.

12-2-98 - Flowed back frac and flow tested. Shut well in.

12-3-98 - Opened well and flare well to pit - flow testing. Shut well in. Released well to production department.

Rusty Klein

Operations Technician

December 7, 1998

Submit 3 Copies to Appropriate District Office

State of New Mexico Energy, Minerals and Natural Resources Department

Form	C	-10	13
Revis	eđ	1-	1-89

P.O. Box 1980, Hobbs, NM 88240	OIL CONSERVATIO		WELL API NO.
•	P.O. Box 208		30-025-29843
<u>DISTRICT II</u> P.O. Drawer DD, Artesia, NM 88210	Santa Fe, New Mexico	87504-2088	5. Indicate Type of Lease STATE X FEE
DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410			6. State Oil & Gas Lease No.
des and blazes Rul, Azzen, 14171 67410			V0-4510
SUNDRY NOTIC	CES AND REPORTS ON WEL	IS	
DO NOT USE THIS FORM FOR PRO DIFFERENT RESER		OR PLUG BACK TO A	7. Lease Name or Unit Agreement Name
Type of Well: ORL GAS WELL WELL X	OTHER		Sand Spring ASU State
Name of Operator YATES PETROLEUM CORPORA	ATTON		8. Weli No.
Address of Operator			9. Pool name or Wildcat
105 South 4th St., Arte	esia, NM 88210	•	Sand Springs Atoka (gas)
Well Location			Jana opringo neoka (gao)
Unit LetterC :330	Feet From The North	Line and1650	O Feet From The West Line
Section 11	Township 11S Ran	nge 34E j	NMPM Lea County
	10. Elevation (Show whether I		
	4145	' GR	<u> </u>
. Check A	Appropriate Box to Indicate N	Nature of Notice, Re	eport, or Other Data
NOTICE OF INT			SEQUENT REPORT OF:
نَـــا			
RFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORK	ALTERING CASING
MPORARILY ABANDON	CHANGE PLANS	COMMENCE DRILLING	
JLL OR ALTER CASING	<u> </u>	CASING TEST AND CE	
NHER:		OTHER: Re-entry	<u>y </u>
work) SEE RULE 1103. 10-1-98 - TD 9762'. R cement from 6355-6401' 6710-6854'. Circulate Washed through Abo fro Washed from 8160-8340' 8774'. Drilled cement Reamed from 8931-8970' 9199-9730'. Circulate 10-2-98 - TD 10594'.	eaming. Picked up drillpipe bottoms up. Picked up drillpipe m 7371-7822'. Picked up from 8774-8868'. Picked up drillpipe hole clean. Ream from Circulating. Reamed f	llpipe and TIH. and TIH. Taggo p drillpipe and up drillpipe and p. Picked up do ked up drillpipe and TIH. Taggo m 9730-9762'. rom 9762-9793'.	Tagged up at 6355'. Drilled ed up at 6710'. Reamed from TIH. Tagged up at 7371'. d TIH. Tagged up at 8160'. rillpipe and TIH. Tagged up at 8931'. ed up at 9199'. Reamed from Circulate and condition mud. Reamed from 10120-10594'.
Resumed drilling new f	ormation at 6:30 AM 10	belief.	
SECURATURE THE SECURITIES SECURIT	flen m	Operations To	DATE
TYPEOR PRINT NAME Rusty Klein	l		ТЕЈЕРНОМЕ NO. 505/748-14
(This space for State Use)	- 0		

Chris Williams mus-

DISTRICT 1 SUPERVISOR DATE NOV 0 6 1998

CONDITIONS OF APPROVAL, IF ANY:

Submit 3 Copies to Appropriate District Office

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-103 Revised 1-1-89

DISTRICT I

CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIVISION

WELL APINO

F.O. Bux 1980, Hobbit, NM 88240	P.O. Box 208	18	30-025-29843
DISTRICT II P.O. Drawer DD, Artesia, NM 88210	Santa Fe, New Mexico	87504-2088	5. Indicate Type of Lease
DISTRICT III			STATE X FEE
1000 Rio Brazos Rd., Aztec, NM 87410			6. State Oil & Gas Lesse No. VO-4510
SUNDRY NOTICE	S AND REPORTS ON WEL	LS	
	IR. USE "APPLICATION FOR PE		7. Lease Name or Unit Agreement Name
1. Type of Well:) FOR SUCH PROPOSALS.)		-
OR GAS X	OTHER		Sand Spring ASU State
2. Name of Operator	TOM		8. Weil No.
YATES PETROLEUM CORPORAT: 3. Address of Operator	10N		9. Pool name or Wildcat
105 South 4th St., Artes:	ia, NM 88210		Sand Springs Atoka (gas)
4. Well Location			band optings mean (gas)
Unit LetterC :330	Feet From The North	Line and165	O Feet From The West Line
11	Township 11S Ra	3 / ፔ	I o o
Section 11	Township 11S Ra 10. Elevation (Show whether		NMPM Lea County
	4145	•	
11. Check App	propriate Box to Indicate 1	Nature of Notice, R	eport, or Other Data
NOTICE OF INTE			SEQUENT REPORT OF:
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORK	ALTERING CASING
	-		
TEMPORARILY ABANDON	CHANGE PLANS	COMMENCE DRILLING	GOPNS. PLUG AND ABANDONMENT
PULL OR ALTER CASING		CASING TEST AND CE	EMENT JOB
OTHER:		OTHER: Re-ent	ry
12. Describe Proposed or Completed Operations	Clearly state all persinent details an	d aive sertinent dates, inclu	ding emimated data of stanting any proposed
work) SEE RULE 1103.	(Ciedry sides on periodera dentities, dr	u give periolem dales, picia	ang estimated dute of surring any proposed
9-19-21-98 - Building lo	cation		
9-22-98 - Building locat		8" SOW X 11" 5F	C ER-BP casing head.
9-23-24-98 - Building lo 9-25-98 - Drilled rat an			
9-26-98 - Waiting on rot			
9-27-98 - Moving in rota			
9-28-98 - Rigging up rot	ary tools.		
9-29-98 - Finished riggi	ng up. Nippled up H	OP and tested.	TIH and wash to next plug.
Test BOP equipment, pipe	rams, blind rams, o	hoke manifold a	and kelly valves to 5000# and
			Tagged up at 1593' (wall cake).
)'. Reamed from 1980-2070'
			785'. Drilled cement plug
		lo surface plug	and no plug at bottom of casin
NOTE: Spunded in at 8:4 I hereby corally that the information above is true and		haliaf	
1/2 + 1	<i>a</i> .		echnician Oct 2 1000
SIGNATURE JUSTICA /	<u></u>	operations 1	echnician Oct. 2, 1998
TYPEOR PRINT NAME Rusty Klein			<u> ТЕГЕРНО</u> НЕ NO. 505/748-
(This was a fac State IVe)			
(This space for State Use)	1	DIOTEIOT 4	SUPERVISOR NOV 0 6 1998
/1/2 ///	1	TISTRICE IS	10 1330
APPROVED BY MAIN (UI	them m	LE	DATE

State of New Mexico Submit 3 Copies Form C-103 to Appropriate District Office Energy, Minerals and Natural Resources Department Revised 1-1-89 DISTRICT I P.O. Box 1980, Hobbs, NM 88240 OIL CONSERVATION DIVISION WELL API NO. P.O. Box 2088 30-025-29843 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., Aztec, NM 87410 6. State Oil & Gas Lease No. VO-4510 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: OIL. WELL GAS WELL X Sand Spring ASU State 2. Name of Operator 8. Well No. YATES PETROLEUM CORPORATION 3. Address of Operator 9. Pool name or Wildcat 105 South 4th St., Artesia, NM Sand Springs Atoka (gas) 4. Well Location Unit Letter C: 330 Feet From The North 1650 Line and West Feet From The Line thip 11S Range 34E 10. Elevation (Show whether DF, RKB, RT, GR, etc.) 34E Lea Section Township **NMPM** County 4145' GR Check Appropriate Box to Indicate Nature of Notice, 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. Yates Petroleum Corporation respectfully requests permission to drill to a depth of 13,500' to test the Devonian and intermediate formations. Application for Permit to Drill, Re-Enter originally requested permission to drill to 12200' Atoka.

I hereby certify that the information above is true and complete to the best of my kn	owiedge and belief. Operations Technician	October 29, 1998
TYPEOR PRINT NAME Rusty Klein	III.E	TELEPHONE NO. 505/748-1471
(This space for State Use)	DISTRICT 1 SUPERVISOR	- NOV Q 6 1998

CONDITIONS OF APPROVAL, IF ANY:

District I PC 36x 1980, Hobbs, NM 88241-1980 District II PO Drawer DD, Artesia, NM 88211-0719 District III 1000 Rio Brazos Rd., Azter, NM 87410 District IV PO Box 2088, Santa Fe, NM 87504-2088

API Number

State of New Mexico Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088

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

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

■ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ Pool Code

30-025-2	9843				ប	ndesignated	Devonian				
⁴ Property C	ode				' Property	Name			Well Number		
23599		Sand S	Spring A	ASU Sta					11		
OGRID N	o.			_	¹ Operator			ļ	* Elevation		
025575		<u>Ya</u>	tes Pet	roleum	Corporatio				4145'		
	····					Location	·				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County		
С	11	115	34E		330	North	1650	West	Lea		
	11 Bottom Hole Location If Different From Surface										
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County		
	~				<u> </u>	<u> </u>]	<u> </u>			
12 Dedicated Acres	s 13 Joint	or Infill "	Consolidation	a Code 15 (Order No.						
40	<u> </u>			<u></u>	·			<u>.</u>			
NO ALLOW	ABLE Y					ON UNTIL ALL EEN APPROVED			NSOLIDATED		
<u></u>		نكتبكا	NON-317	TINDARD	UNII IIAS B	CEN APPROVED					
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	ì			1			Signature Rusty K	an '			
							Printed Nan				
8				-				ons Technic	ian		
	1			1			Title	r 29, 1998			
]			1			Date	1 29, 1990			
						·	18CT ID X	(EVOD CED)	EVEY CA EYON		
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}	j		•	1	1			ify that the well locati Forn field notes of acti			
]				1			11	my supervision, and to to the best of my belief			
							- II	O ORIGINAL	i		
 	İ			1			Date of Surv				
				 			Signature and	Scal of Professional	Surveyer:		
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}				1.			1				
				Ì		•	Certificate N	umber			
L											

District I:

PO Box 1980, Hobbs, NM 88241-1980

District II 811 3outh First, Artesia, NM 88210

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

State of New Mexico Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505

Form C-101 Revised October 18, 1994 Instructions on back Submit to Appropriate District Office State Lease - 6 Copies Fee Lease - 5 Copies

rict [V		ND 4 97505] æ	NED DEDORT
South Pachece									<u> </u>		DED REPORT
PPLICA	TION		۱ ر	perator Nan	LL, RE-EN ne and Address. m Corpor		PEN,	PLUGB <i>A</i>	ACK,		D A ZONE RID Number 575
				105 S. 4	th Street Mexico 882					3 A	PI Number 5-29843
	rty Code		"Muco	14, 1101/	* P	roperty Name Spring ASU	J Stat	e.		30-02	'Wei No.
<u> </u>	6.1				⁷ Surface						
or ict no.	Section	Township	Range	Lot Idn	Feet from the	North/South E	ne Fe	et from the	East/V	Vest line	County
<u>C</u>	11	11S	34E	D-44	330'	North		1650'		st	Lea
or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South E		rom Sur		West line	County
, or lot Mo.	Section	Township	Kange	224 101	rea nom me	, normouth p	_ Fe	CT TOTAL LITE	East	vest tibe	County
	San	'Propos d Sprin	ed Pool 1 gs Atol	ka Gas				1º Propo	sed Pool	2	
" Work ?	Type Code	T	²² Well Type G	e Code	1	le/Rotary	14	Lesse Type Co	ode	1	nd Level Elevation
	ultiple No			200'	A	rmation toka		"Contractor designa			Spud Date ASAP
			2	¹ Propos	ed Casing a	and Cement	Progr	am			
Hole S		 _	ing Size		ng weight/foot	Setting D		 	of Cemer	nt	Estimated TOC
17 11"	1/2"	 	3/8" 5/8"	32#	5# J-55 J-55	1	Place Place				
	7/8"		1/2"		5# P-110	4208 III	Flace	 	sacks	;	10,900'
									•		
one Describ Yates P and dee	etheblowo etrole pen th	ut prevention eum Corp e hole	program, i oration to a de	f any. Usca n propo epth of	dditional sheets if ses to dr 12,200'.	ACK give the data DECESSARY. ill out th Run 4 1/ rate and s	ne plu '2" ca	gs to to	he ol TD a	d TD o	f 10,575' ent back
MUD PRO		Starch	•	-		Gel/Starc		•			Salt Gel/
I hereby cert of my knowled Signature:			ven above is	true and com	plete to the best	O Approved by:		NSERV			SION
Printed name:	CLIFT	ON R. M	AY			Title: DIS		Γ1 SUP			
Title:		LATORY A				Approval Dat8		1998	1	tion Date:	
Date: Aug	just 7,	1998	Phone	505-748	2-A3A7	Conditions of Ap	proval:		•		
-	•			JUJ-/48	7-434/	L VITTE CI					

District I PO Box 1980, Hobbs, NM 88241-1980 District II PO Drawer DD, Artesia, NM 88211-0719 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV PO Box 2088, Santa Fe, NM 87504-2088

API Number

30-025-29843

State of New Mexico Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088

Form C-102 Revised February 10, 1994 Instructions on back Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

³ Pool Name Sand Springs Atoka Gas

AMENDED REPORT

* Well Number

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ Pool Code

84871

⁴ Property	Code				¹ Property				* Well Number		
2359	ia l			Sa	and Spring	"ASU" State		ļ	1		
OGRID					* Operator	Name			' Elevation		
02557				VA	=	EUM CORPORAT:	T (NI	ĺ	4145'		
02337				IA.	LES PEIROLI	EUM CORPORAT.	LON		4145		
					10 Surface	Location					
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County		
С	11	11s	34E		330'	North	1650'	West	Lea		
	1	<u> </u>	11 Bot	tom Hol	e Location I	f Different Fro	m Surface				
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County		
	<u> </u>	<u> </u>				<u> </u>	<u> </u>	 			
¹² Dedicated Act	res 13 Joint	or infill 14 (Consolidatio	n Code '' C	Order No.						
NO ALLO	WABLE	WILL BE	ASSIGNE	р то тн	IS COMPLETI	ON UNTIL ALL	INTERESTS H	AVE BEEN CO	ONSOLIDATED		
						EEN APPROVED					
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16 /		/ B					/ II		RTIFICATION		
145	· · · · ·	_ _							on consained herein is		
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		· /		X		/ /	Date				
							i1		TIFICATION		
									tion shown on this plat		
									tual surveys made by		
ij.							me or under	my supervision, and	that the same is true		
							[<u>]</u>	o the best of my beli			
]					Date of Surv	fer To Ori	ginal Plat		
		 					l I	Scal of Professiona	1 Surveyer:		
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							Certificate N	umber			

NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

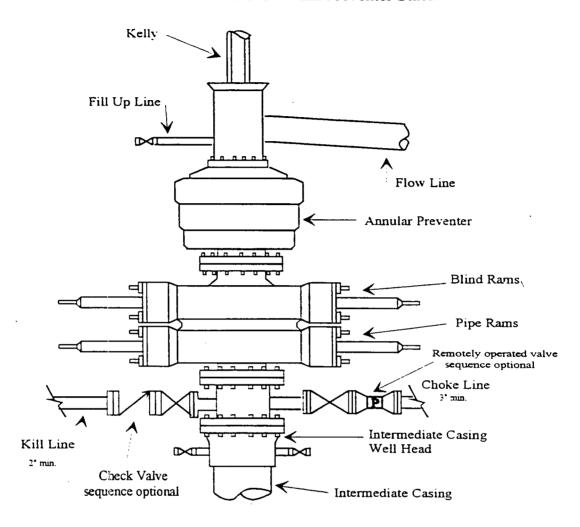
Form C-102 Supersedes C-128 Effective 1-1-65

All distances must be from the outer boundaries of the Section

ATTES PETROLICHE CORPORATION SATION SARTINE "AREN" States 1 Township 12 South Deep 36 East Lea States Lea	Operator			Leuse		Well No.
The state of the s		S PETROLEUM	CORPORATION			
1.0 1.0	Jnii Letter		1	I I	•	
The transfer of the content of the c	•	atton of Well:		3,450	127 - 1-	
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 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). 3. If more than one lease of different ownership in dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc? 1. Yes No If answer is "yes," type of consolidation If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary as a subject of the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, climinating such interests, has been approved by the Commission. 1. I haveby certify that the information contained bearing a true and camplete to the bear of my knowledge and ballet. 1. None 1				· · · · · · · · · · · · · · · · · · ·	eet from the	
1. Outline the acreage dedicated to the subject well by volored pencil or hachare marks on the plat below. 2. If more than one lease is dedicated to the well, autline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease of different ownership in dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc? [A year of No If sasswer is "year," type of consolidation of this form if necessary.) 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 hereby certify that the information contained where the interest is the best of my heavisings and belief. Name Tosition Company Date I hereby certify that the well incention about on the same and the plate was platested for fire best of my heavisings and belief. Name I hereby certify that the well incention about on the plate was platested for fire best of my paperersian, and that the zero is the best of my heavisings and belief. NEEL ACHARDA COMPANIES CHARDA CANAR CHARDA		Producing Fo	ormation	Post	\	Dedicated Acreage;
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). 3. If more than one lease of different ownership in dedicated to the well, have the interests of all owners been consolidated by communitization, untitization, force-pooling, etc? Yee No If answer in "yee," type of consolidation					<u></u>	
dated by communitization, unitization, force-pooling, etc? [] Yes	2. If more th interest an	an one lease is od royalty).	s dedicated to the we	ll, outline each and id	dentify the ownership the	reof (both as to working
CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Name Position Company Date I hereby certify that the well location shown on this play was plotted from field notes of equal surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief. HERSTHEL OLD AND SALVAN AND LOCATION OF THE Surveyed Sansacy 19, 1037 Registered Professional Engineer and/or Land Surveyor Professional Control Surveyor Certificate No. With Day 19, 1037 Registered Professional Engineer and/or Land Surveyor Certificate No. With Day 19, 1037	dated by c The second of the	ommunitization, No If is "no;" list the f necessary.) Die will be assig	unitization, force-poo answer is "yes," type cowners and tract dea med to the well until a	ling. etc? of consolidation scriptions which have ll interests have been	actually been consolidat	ed. (Use reverse side of unitization, unitization,
I hereby certify that the information contained hards it is true and complete to the best of my knowledge and belief. Name Position Company Date 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 supervision, and that the same is true and correct to the best of my knowledge and belief. HERSIMEL Contents of the best of my knowledge and belief. Date Surveyed 3440 Contents of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief. Page 100 100 100 100 100 100 100 100 100 10	sion.	930		1		CERTIFICATION
Date I hereby certify that the well location shown on this plat was platted from field mates of actual surveys made by me or under my supervision, and that the same is true and correct to the bast of my knewledge and balled. Date Surveyed 3540 Date Surveyed 3640 Registered Professional Engineer and/or Land Surveyor Cértificate No.	165	0'		1 1 1 1	tained here	in is true and complete to the
Date I hamby cartify that the wall location shown on this plat was platted from field mates of actual surveys made by me or under my supervision, and that the same is true and correct to the bast of my knowledge and ballof. Date Surveyed January 19, 1337 Registered Professional Engineer and/or Land Surveyor Actual Surveyor Cartificate No.		·- +				
I hernby carify that the well location shown on this plat was platted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the bast of my knowledge and belief. Date Surveyed Gantiacy 1.1, 1.387 Registered Professional Engineer and/or Land Surveyor Amage Advances Cértificate No.		; ;		1 1 1		
shown on this plat was platted from field notes of ectual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief. Date Surveyed January 10, 1,337 Registered Prolossional Engineer and/or Land Surveyor Certificate No. Solid		i 1 	Į.	!	Date	
HERSTHEL L JONES 3640 Gangary LD, LD37 Registered Professional Engineer and/or Land Surveyor Certificate No. 3660		 		NEW	shown on to notes of a under my s is true on	his plat was platted from field ctual surveys made by me or upervision, and that the same al correct to the bast of my
3690			Someone and the second	L JONES	Registered P and/or Land	Sandary 12, 1287 rolessional Engineer Surveyor Logical Copice
0 330 660 190 1320 1680 1980 2310 2640 2000 1800 1000 800 0 (0 330 660	190 1320 1650	1000 2310 2040 20	000 1800 1000	500 0	3640

Yates Petroleum Corporation

Typical 5,000 psi Pressure System
Schematic
Annular with Double Ram Preventer Stack



Typical 5,000 psi choke manifold assembly with at least these minimun features

