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(August 1999)	UNITED STA					Expires Nov		
I	DEPARTMENT OF TH		OR	RECE	EIVED	5. Lease Serial No.		
	BUREAU OF LAND MA	NAGEMENT				LC-049945-I	} .	
APPLICAT	ION FOR PERMIT TO	O DRILL O	R REE	NTER MAR 2	8 2004	6. If Indian, Allottee	or Tribe 1	Name
				OCD-A	PTESIA	7 Kilaiser CA Am	amont N	lama and No
1a. Type of Work: X DRILL		REENTER				7. If Unit or CA Agr	sement, N	ame and No.
						8. Lease Name and V	Vell No.	
b. Type of Well: 🔲 Oil Well 🗙	Gas 🔲 Oth	er [] s	Single 🔲	Multiple Zone	Parrot Federal (2
	Well		7	Zone	<u> </u>	9. API Well No.		
2. Name of Operator Yates Drilling Company						30 -015	٦ ٦٦ u	
3A. Address 105 South Fourth	n Street	3b. Pho	me No. (in	iclude area cod	(e)	10. Field and Pool, o		
Artesia, New M	exico 88210		(5	05) 748-147	71	Wildcat Chester		
4. Location of Well (Report location of	clearly and in accordance with	th any State re	quiremen	(s.*)		11. Sec., T., R., M.,	or Blk, an	d Survey or Area
At surface	1600' FS	SL and 660)' FEL			Section 2	9, T19S	6-R27E
At proposed prod. Zone 14. Distance in miles and direction fro	an nearest town or post office	Same				12. County or Parish		13. State
Approximately 14 miles so			~~			Eddy County		NM
15. Distance from proposed*	Allieust Of Patesia, 1	the second s	of Acres	in lease	17. Spacing U	nit dedicated to this wel	ł	
location to nearest property or lease line, ft. (Also to nearest drig, unit line, if an	660'		32	•		E/2		
18. Distance from proposed location*	····	19. Pro	oposed De		20. BLM/BIA	Bond No. on file		
to nearest well, drilling, completed applied for, on this lease, ft.	^{1,} 1/2 mile		107	25'		586000		
21. Elevations (Show whether DF, KD	B, RT, GL, etc.)	22. Ap	proximat	e date work will	start*	23. Estimated durati	on	
				ASAP			<u>days</u>	
		24.	Attach	ments	ROSWEI	L CONTROLLED	WAIE	CBASIN
The following, completed in accordance	ce with the requirements of O	Inshore Oil and	d Gas Ord	er No. 1, shall t	e attached to this	form:		
1. Well plat certified by a registered st	urveyor.		4.	Bond to cov	er the operation	s unless cov ere d by an e	xisting bo	ond on file (see
2. A Drilling Plan.	-			Item 20 abo	ve).	·	-	·
3. A Surface Use Plan (if the location	is on National Forest System	Lands, the	5.	Operator cert	tification.			
SUPO shall be filed with the approp	priate Forest Service Office.		6.			nation and/or plans as m	ay be req	uired by the
	<u></u>			authorized of	ffice.			
25. Signature	5-11-		+	Printed/Typed)			Date	0/40/04
Regulatory Agent	A VRID		Cy Co	wan				2/10/04
Regulatory Agent								
Approved by (Signature)	/s/ Joe G. Lara		Name (I	Printed/Typed)	/a/ Iaa C	Lana	Date 24	MAR 2004
······································	•		i		/s/ Joe G	Lara		MAR 2004
TIXCTING FIELD) MANAGER		Office	CA	RLSBAD	FIELD OFFI	CE	
Application approval does not warrant	t or certify that the applicant	holds legal or	equitable	title to those rig	hts in the subject	lease which would enti	le the app	licant to conduct
operations thereon.				APF	ROVAL	FOR 1 YEAR	_	
Conditions of approval, if any, are atta						<u></u>		<u> </u>
Title 18 U.S.C. Section 1001and Title States any false, fictitious or fraudulen						ake to any department of	r agency	of the United
*(Instructions on reverse)	<u> </u>		ا در ا	. 1	<u> </u>			
APPROVAL SUBJE	CT TO		M	1. These	Surfa ediata	ee and		
GENERAL REQUIR			7	interm	ediata 1	Casing		
AND SPECIAL STI	PULATIONS							
ATTACHED								

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1625 H. French Br., Hobbs, Nil 68840 DISTRICT II 011 South First, Artesis, NN 88210 DISTRICT III 1000 Rio Brazos Rd., Astoc, NN 67410 DISTRICT IV 2049 South Pacheco, Santa Fe, NN 87505

State of New Mexico

Energy, Minerals and Natural Resources Department

Revised March 17, 1998 Instruction on back Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

OIL CONSERVATION	DIVISION
P.O. Box 2088	
Santa Fe, New Mexico 83	7504-2088

D AMENDED REPORT

		١	WELL LO	CATION	AND ACREA	GE DEDICATI	ON PLAT		
API	Number		1	Pool Code			Fool Name lcat Chester		
Property (and a	l			Property Nam			Veli Nu	mber
rtoper y v				PARI	ROT FEDERAL C			2	
OGRED No	.				Operator Nam	De		Elovat	lica
025575) 	l		YATES	DRILLING COM	PANY		3413	
					Surface Loc	ation			
UL or lot No.	Section	Township	Range	Lot. ida	Feet from the	North/South line	Feet from the	East/West line	County
1	29	195	27E		1600	SOUTH	660	EAST	EDDY
			Bottom	Hole Loo	ation if Diffe	erent From Sur	face		
UL or lot No.	Section	Township	Range	Lot. jdn	Peet from the	North/South line	Feet from the	East/West line	County
					<u> </u>				<u> </u>
Dedicated Acre	s Joint e	e hofilii Co	nsolidation	Code Or	der No.				
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					В		/ Aereb	y certify the the in n is true and compi	-
	l l						best of my know	-	
							II (K	(Onl	212
							Signature		
								Cy Cowan	
]		Printed New	Regulatory <i>P</i>	Agent
				,	· ·		Title		
	l							February 6,	2004
							Date		
							SURVEY	OR CERTIFICAT	TION
						N oneon'so of	I hereby cortif	y that the well local	tion shown
					1	N.32°37'43.3" W.104°17'40.4"		as plotted from fiel made by me or	•
						3379 3409	supervison, a	nt that the same to	true and
				1				is best of my beli	u .
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						1	Cortificity	Sol Sol	s RLS 3640
							PARA	BESTONAL LAN	w.
								SURVEYEE LUNRA	

0 330' 660' 990' 1650' 1980' 2310' 2310' 1960' 1650' 990' 660' 530' 0'

1. The estimated tops of geologic markers are as follows:

Queen	876'	Atoka	9645'
Grayburg	1184'	Morrow	9964
San Andres	1771'	Morrow Clastics	10104'
Bone Spring Lime	2719'	Lower Morrow	10236'
Bone Spring Lime 1 st Bone Spring Lime	5417'	Barnett	10376
3 rd Bone Springs Lime	7399'	Chester	10654
Wolfcamp	7836'	TD	10725'
Cisco Canyon	8277		
Strawn	9076'		

2. The estimated depths at which anticipated water, oil or gas formations are expected to be encountered:

Water: 200' - 300' Oil or Gas: All potential zones

3. Pressure Control Equipment: BOPE will be installed on the 9 5/8" casing and rated for 5000 BOP systems will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout Preventor controls will be installed prior to drilling the surface plug and will remain in use until the well is completed or abandoned. Preventors will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. See Exhibit B.

Auxiliary Equipment:

. . . .

A. Auxiliary Equipment: Kelly cock, pit level indicators, flow sensor equipment and a sub with full opening valve to fit the drill pipe and collars will be available on the rig floor in the open position at all times for use when kelly is not in use.

4. THE PROPOSED CASING AND CEMENTING PROGRAM:

A. Casing Program: (All New)

Hole Size	Casing Size	<u>Wt./Ft</u>	<u>Grade</u>	Thread	Interval	Length	
17 1⁄2"	13 3/8"	48#	H-40	ST&C	0-400'	400'	WITNESS
12 ¼"	9 5/8"	36#	J-55	ST&C	0-2800'	2800'	WITNESS
8 ¾"	5/1/2"	17#	L-80	LT&C	0-1100'	1100'	
8 ¾"	5 1/2"	17#	J-55	LT&C	1100'-2200'	1100'	
8 ¾"	5 1/2"	15.5#	J-55	LT&C	2200'-6200'	4000'	
8 ¾"	5 1/2"	17#	J-55	LT&C	6200'-8000'	1800'	
8 ¾"	5 1/2"	17#	L-80	LT&C	8000'-9400'	1400'	
8 3⁄4"	5 1/2"	17#	HCP-110	LT&C	9400'-10725'	3425'	

A deep string of 7" casing will be set if problems are encountered.

Minimum Casing Design Factors: Collapse 1.125, Burst 1.0, Tensile Strength 1.8

B. CEMENTING PROGRAM:

Surface casing: 500 sx Class 'C' + 2% CaCl2(YLD 1.32 WT 14.8).

Intermediate casing: Lead with 700 sx Lite (YLD 2.0 WT 12.5) Tail in w/200 sx Class C + 2% CaCL2 (YLD 1.32 WT 14.8).

Production Casing: TOC 7300', Lead w/750 sx Super 'C' (YLD 1.63 WT 13.0)

5. Mud Program and Auxiliary Equipment:

Interval	Түре	Weight	Viscosity	Fluid Loss
Spud to 400'	FW Gel/Paper	8.4-8.8	32-40	N/C
400'-2800'	Fresh Water	8.4	28	N/C
2800'-9600'	Cut Brine	8.6-9.6	28	N/C
9600'-10725'	S Gel/KCL/Starch/Drispac	9.6-10.0	32-38	<12cc

Sufficient mud material(s) to maintain mud properties, control lost circulation and contain a blow out will be available at the well site during drilling operations. Mud will be checked hourly by rig personnel.

6. EVALUATION PROGRAM:

Samples: 10' out from under intermediate casing to TD. Logging: Platform Express CNL/LDT TD-surface casing; DLL MSFL TD-surface casing; BHC Sonic TD-surface casing; CNL/GR TD-surface; FMI TD-top of Wolfcamp. Coring: None anticipated. DST's: Possible Wolfcamp thorugh Strawn.

7. Abnormal Conditions, Bottom hole pressure and potential hazards: Anticipated BHP:

From:	0	то	400'	Anticipated Max.	BHP:	175	PSI
From:	400'	то	2800'	Anticipated Max.	BHP:	1225	PSI
From:	2800'	то	10600'	Anticipated Max.	BHP:	5600	PSI

Abnormal Pressures Anticipated: None

Lost Circulation Zones Anticipated: None

H2S Zones Anticipated: None

Maximum Bottom Hole Temperature: 189° F

8. ANTICIPATED STARTING DATE:

Plans are to drill this well as soon as possible after receiving approval. It should take approximately 30 days to drill the well with completion taking another 15 days.

MULTI-POINT SURFACE USE AND OPERATIONS PLAN Yates Drilling Company Parrot Federal Com. #2 1600' FSL and 660' FEL Section 29,T19S-R27E Eddy County, New Mexico

This plan is submitted with Form 3160-3, Application for Permit to Drill, covering the above described well. The purpose of this plan is to describe the location of the proposed well, the proposed construction activities and operations plan, the magnitude of the surface disturbance involved and the procedures to be followed in rehabilitating the surface after completion of the operations, so that a complete appraisal can be made of the environmental effect associated with the operations.

1. EXISTING ROADS:

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Exhibit A is a portion of the BLM map showing the well and roads in the vicinity of the proposed location. The proposed wellsite is located approximately 14 miles southeast of Artesia, New Mexico and the access route to the location is indicated in red and green on Exhibit A.

DIRECTIONS:

Go south of Artesia on Highway 285 for approx. 24.5 miles to intersection of Capitan Reef Road and Hwy 285. Turn left on Capitan Reef Road and go approx. 5.9 miles to the intersection of Lake Road and Capitan Reef Road. Turn left on Lake Road (CR-34) and go approx. 0.2 of a mile. Turn right here on Netherland Road (CR-236) and go approx. 3.9 miles. The new road will start here going west.

2. PLANNED ACCESS ROAD:

- A. The new access road will be approximatlely .4 of a mile from the point of origin to the southeast corner of the well location.
- B. The new road will be 14 feet in width (driving surface) and will be adequately drained to control runoff and soil erosion.
- C. The new road will be bladed with drainage on one side. Traffic turnouts will not be built.
- D. The route of the road is visible.
- E. Existing roads will be maintained in the same or better condition.

3. LOCATION OF EXISTING WELL

- A. There is drilling activity within a one-mile radius of the wellsite.
- B. Exhibit D shows existing wells within a one-mile radius of the proposed wellsite.

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

- A. There are no production facilities on this lease at the present time.
- B. In the event that the well is productive, the necessary production facilities will be installed on the drilling pad. If the well is productive oil, a gas or diesel self-contained unit will be used to provide the necessary power. No power will be required if the well is productive of gas.

Parrot Federal Com. #2 Page 2

5. LOCATION AND TYPE OF WATER SUPPLY:

A. It is planned to drill the proposed well with a fresh water system. The water will be obtained from commercial sources and will be hauled to the location by truck over the existing and proposed roads shown in Exhibit A.

6. SOURCE OF CONSTRUCTION MATERIALS:

The dirt contractor will acquire any materials from the closest source at the time of construction of the well pad.

7. METHODS OF HANDLING WASTE DISPOSAL:

- A. Drill cuttings will be disposed of in the reserve pits.
- B. Drilling fluids will be allowed to evaporate in the reserve pits until the pits are dry.
- C. Water produced during operations will be collected in tanks until hauled to an approved disposal system, or separate disposal application will be submitted.
- D. Oil produced during operations will be stored in tanks until sold.
- E. Current laws and regulations pertaining to the disposal of human waste will be complied with.
- F. All trash, junk, and other waste materials will be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not approved.

8. ANCILLARY FACILITIES: None

9. WELLSITE LAYOUT:

- A. Exhibit C shows the relative location and dimensions of the well pad, the reserve pits, the location of the drilling equipment, rig orientation and access road approach.
- B. The reserve pits will be plastic lined.
- C. A 600' x 600' area has been staked and flagged.

10. PLANS FOR RESTORATION

- A. After finishing drilling and/or completion operations, all equipment and other material not needed for further operations will be removed. The location will be cleaned of all trash and junk to leave the wellsite in as aesthetically pleasing a condition as possible.
- B. Unguarded pits, if any, containing fluids will be fenced until they have dried and been leveled.
- C. If the proposed well is non-productive, all rehabilitation and/or vegetation requirements of the Bureau of Land Management will be complied with and will be accomplished as expeditiously as possible. All pits will be filled level within 90 days after abandonment.
- 11. SURFACE OWNERSHIP: Bureau of Reclamation Albuquerque, New Mexico.

12. OTHER INFORMATION:

- A. Topography: Refer to the existing archaeological report for a description of the topography, flora, fauna, soil characteristics, dwellings, historical and cultural sites.
- B. The primary surface use is for grazing.

Parrot Federal Com. #2 Page 3

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13. OPERATOR'S REPRESENTATIVE

A. Through A.P.D. Approval:

Cy Cowan, Regulatory Agent Yates Petroleum Corporation 105 South Fourth Street Artesia, New Mexico 88210 Phone (505) 748-1471 Through Drilling Operations, Completions and Production:

Toby Rhodes, Operations Manager Yates Drilling Company 105 South Fourth Street Artesia, New Mexico 88210 Phone (505) 748-1471

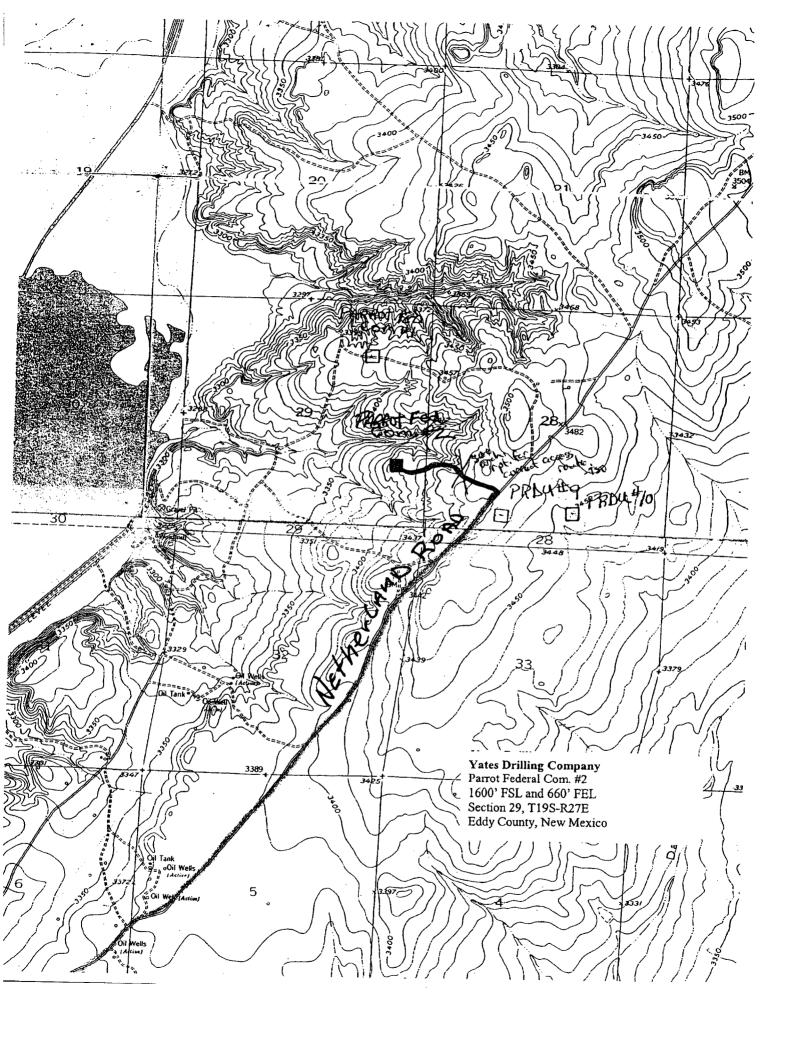
14. CERTIFICATION:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Yates Petroleum Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Β.

Regulatory Agent

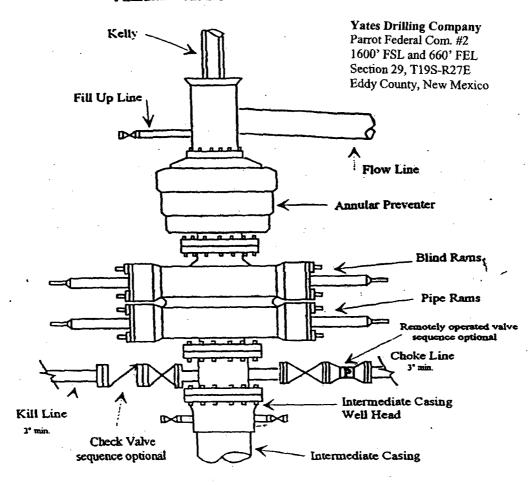
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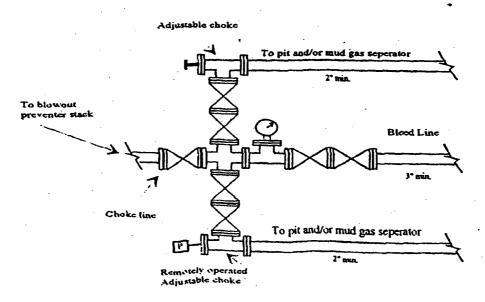
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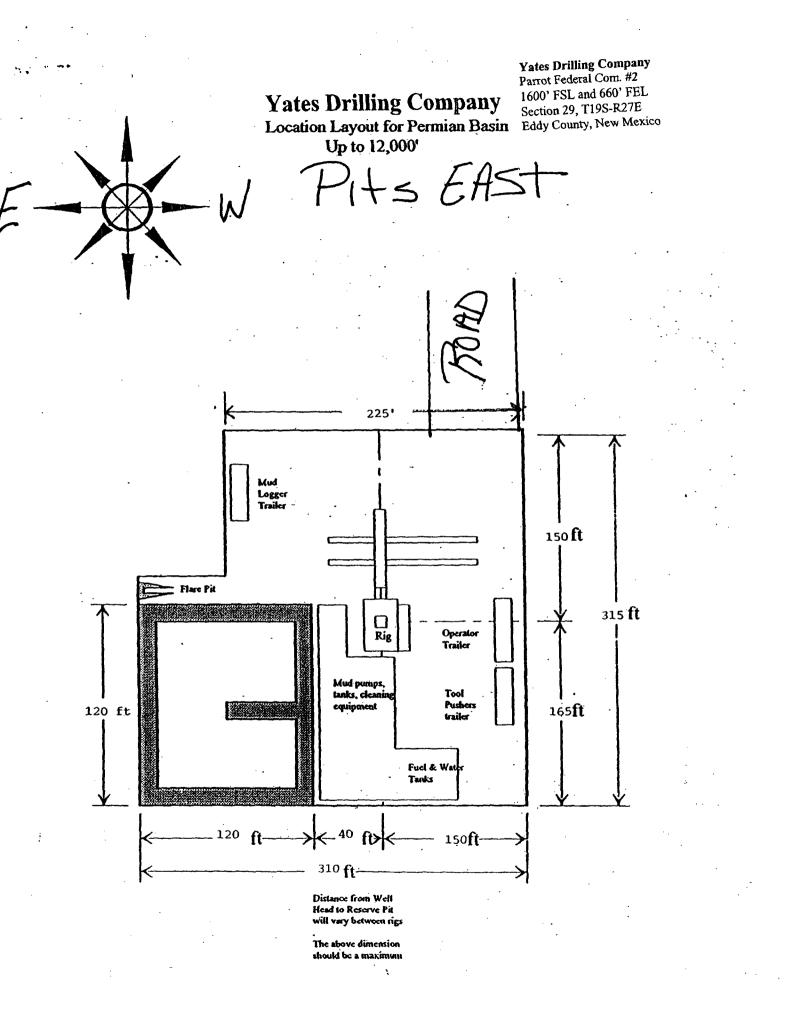
YATES DRILLING COMPANY

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







YATES DRILLING COMPANY

105 SOUTH FOURTH STREET - (505) 748-1471 FAX (505) 746-2268 ARTESIA, NEW MEXICO 88210 PEYTON YATES PRESIDENT

S. P. YATES VICE PRESIDENT

RANDY G. PATTERSON SECRETARY

> DENNIS G. KINSEY TREASURER

STATEMENT ACCEPTING RESPONSIBILITY FOR OPERATIONS

The undersigned accepts all applicable terms, conditions, stipulations, and restrictions concerning operations conducted on the leased land or portion thereof, as described below:

Lease Number: LC-049945-B

Bond Coverage: Individually Bonded

Parrot Federal Com. #2 Legal Description of Land:

BLM Bond File Number: NM 0344

E/2 Section 29, T19S-R27E

Formations(s) (if applicable): N/A

Date: 2/13/04

LLUNGCOMPANY YATES DR Cy Cowar, Regulatory Agent

District L 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico **Energy Minerals and Natural Resources**

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-144 March 12, 2004

For drilling and production facilities, submit to appropriate NMOCD District Office. For downstream facilities, submit to Santa Fe office

RECENTO 1014 HAVI D 1014 HAVI D 1014 HAVI D 1014

Pit or Below-Grade Tank Registration or Closure Is pit or below-grade tank covered by a "general plan"? Yes 🛛 No 🗍 Type of action: Registration of a pit or below-grade tank [] Closure of a pit or below-grade tank

perator: _	YATES DRILLING COMPANY	Telephone: (505) 748-1471 e-mail address:
ddress:	105 South Forth Street,	Artesia, NM 88210
acility or	well name: Parrot Federal #2	API # 30-015-33345 U/L or Qtr/Qtr NE/SEcc 29 T195 R27E
ounty: I		3. Longitude W104°17'40. 4NAD: 1927] 1983 A Surface Owner Federal A State Private Indian

<u>*</u>	Below-grade tank			
ype: Drilling 🖾 Production 🗋 Disposal 💭	Volume:bbl Type of fluid:			
Workover 🔲 Emergency 🗋	Construction material:			
ined 🖾 Unlined 🔲	Double-walled, with leak detection? Yes 🔲 If not,	explain why not.	MAY 1 0 2004	
iner type: Synthetic [2] Thickness 20 mil Clay 🔲 Volume			-OCD-AATESIA	
bbl				
Septh to ground water (vertical distance from bottom of pit to seasonal high	Less than 50 feet	(20 points)	· · · · · · · · · · · · · · · · · · ·	
	50 fest or more, but less than 100 feet	(10 points)	Information not	
rater elevation of ground water.) N/A	100 fast or more	(Barrinda)	Available	
Unthead manhasting areas / I and then 200 fast from a minute domestic	Yes		Information not	
/ellhead protection area: (Less than 200 feet from a private domestic ater source, or less than 1000 feet from all other water sources.) N/A	No	(0 points)	Available	
	Less than 200 feet	(20 points)	······································	
histance to surface water. (horizontal distance to all wetlands, playas,	200 feet or more, but less than 1000 feet	(10 points)	0	
nigation canals, ditches, and perennial and ophenoral watercourses.) Approximately 1.3 miles west.	1000 feet or more	(0 points)	0	
	Ranking Score (Total Points)		0	

If this is a pit closure: (1) attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location:

onsite C offsite C If offsite, same of facility

date. (4) Groundwater encountered: No 🗋 Yes 🗋 If yes, show depth below ground surface ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has sen/will be constructed or closed according to NMOCD guidelines [], a general permit [], or ag alta (De mative OCD-approved plan Q. (attach hate: May 10, 2004 an Signati

minted Name/Title Cy Cowan, Regulatory Agent

cor certification and NMOCD approvel of this application/closure does not relieve the op of liability should the contents of the pit or tank contaminate ground water or herwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other foderal, state, or local laws and/or gulations

1.1

÷γ≩. K.

ppro inted Name/Title

Pit(s) must satisfy all requirements of OCD Rule 50. Pit Guidelines, and your

approved General Plan

Signate

NOTIFY O.C.D. PRIOR TO CONSTRUCTION OF PIT(S). ~~ ¢



YATES DRILLING COMPANY

105 SOUTH FOURTH STREET - ARTESIA, NEW MEXICO 88210 (505) 748-1471 • FAX (505) 7484579 PEYTON YATES PRESIDENT

> S. P. YATES VICE PRESIDENT

RANDY G. PATTERSON SECRETARY

DENNIS G. KINSEY TREASURER

Water Well Information

Re: Parrot Federal #2 1600' FSL and 660' FEL Section 29, T19S-R27E Eddy County, New Mexico

The State Engineers Web Site has been accessed for the captioned well. There were no records found of ground water depth, water well, or any indication of any surface water in the area surrounding this well location.

RECEIVED MAY 1 0 2004 CORARTESIA

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New Mexico Office of the State Engineer

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					State Englownload	gineer s			
Town	ship: 19	S Range:	27E	Sections:	29				
NAD27	X :	Y :		Zone:	•.	Search]	Radius:		
County: ED	•	Basin:			· Num	ber:	Suff	ĩx:	· · · · · · · · · · · · · · · · · · ·
Owner Name: (F	ïrst)		(Last)) @ All		() Non-l	Domestic	ODon	nestic
	Well /	Surface Data F	Report		Avg Dept	h to Water	Report	ר	
•		Clear Fo		Column R WATERS) Help			
			WELL	/ Surf	ACE DATA	REPORT	05/10/	2004	(m)t
DB File Nbr	(acre Use	ft per ann Diversion	um) Owner				Well	Number	(qua (qua
No Records found	d, try	again							

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MAY 1 0 7004 OOD:APTESIA

5/10/2004

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Page 1 of 1

http://164.64.58.140.7001/iWATERS/WellAndSurfaceDispatcher

• • ~



YATES DRILLING COMPANY

105 SOUTH FOURTH STREET - ARTESIA, NEW MEXICO 88210 (505) 748-1471 • FAX (505) 748-4579 PEYTON YATES PRESIDENT

S. P. YATES VICE PRESIDENT

RANDY G. PATTERSON SECRETARY

DENNIS G. KINSEY TREASURER

Mr. Van Barton New Mexico Oil Conservation Division, District II Office 1301 West Grand Ave. Artesia, NM 88210

> Parrot Federal #2 1600' FSL and 660' FEL Section 29, T17S-R27E Eddy County, New Mexico

Enclosed please find copies of the OCD approved drilling pit plans and schematics for the above captioned well.

Re:

Thank you,

YATES DRILLING COMPANY

Cy Cowan Regulatory Agent

RECEIVED

MAY 1 0 7014 BRD-MATESIA

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



105 SOUTH FOURTH STREET ARTESIA, NEW MEXICO 88210-2118 TELEPHONE (505) 748-1471 S. P. YATES CHAIRMAN OF THE BOARD JOHN A. YATES PRESIDENT PEYTON YATES EXECUTIVE VICE PRESIDENT RANDY G. PATTERSON SECRETARY DENNIS G. KINSEY TREASURER

April 14, 2004

Oil Conservation Division State of New Mexico Attn: Mr. Van Barton 1301 W. Grand Ave. Artesia, NM 88210

Re: General Plan Pit design and operation, Drilling Workover, and Blowdown.

Companies included in this plan are:

- 1. Yates Petroleum Corporation
- 2. Yates Drilling Company
- 3. Abo Energy Company
- 4. Myco Industries
- 5. Agave Energy Company

Yates Petroleum Corporation Et Al is requesting approval to construct, use and close the above described pits, as per the attached diagrams the aforementioned pits will be lines as required, according to the rules and guidelines as set forth in Pit Rule 50.

The attached diagrams are standard pits used on all Yates Petroleum Et Al drilling and workover operations, minor changes may be needed from time to time to work safely with the terrain and environmental conditions on a site-specific basis.

All pits will be constructed to prevent contamination of fresh waters, human health, and the environment.

During operations, all pits will be fenced as required to maintain safety for livestock and wildlife.

When the pit is no longer used, it will be closed according to all applicable rules of the OCD, and all required reports will be submitted at that time.

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and the sector start and

If we can be further assistance, please feel free to call (505) 748-4181.

Sincerely, Yates Petroleum Corporation

Daniel W. Dolan CWC Environmental Field Tech.

MAY 1 0 2004

OGD-ARTESIA



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON Governor Joanna Prukop Cabinet Secretary Acting Director Oil Conservation Division

LORY CLIFF

.

15 April 2004

Yates Petroleum Corporation Et Al Yates Petroleum Corp. 105 South 4th Street Artesia, New Mexico 88210

RECEIVED MAY 1 0 2004 OCE:ARTESIA

RE:

General Plan for Pits Submitted 4-14-04.

Dear Mr. Dolan,

The Oil Conservation Division of Artesia is in receipt of your plan. The plan is hereby accepted and approved with the following provisions:

- 1. Approval of plan does not permit pits in any watercourse, lakebed, sinkhole, playa lake, or wetland. (19.15.2.50.C.2.a.)
- 2. Pits in groundwater sensitive areas or wellhead protection areas may be subject to additional measures or may not be allowed. This will be on site specific, case-by-case basis. (19.15.2.50.C.2.a.)
- 3. All pit encapsulations must meet all specific criteria including, but not limited to, site evaluation, liner thickness, and/or amount of and type of cover.
- 4. The Division may attach additional conditions to any permit upon a finding that such conditions are necessary to prevent the contamination of fresh water, or to protect public health or the environment. (19.15.2.50.C.3.G.1.)
- 5. Notify the Artesia O.C.D. 48 hours prior to the closing of any storage or production pit.
- 6. Notify the Artesia O.C.D. 48 hours prior to any sampling event.
- 7. Re-seeding mixture will be approved or authorized by surface owner.

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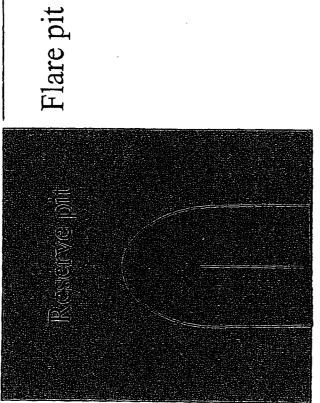
If I can be of any further assistance, please feel free to call (505) 748-1283 ext. 109.

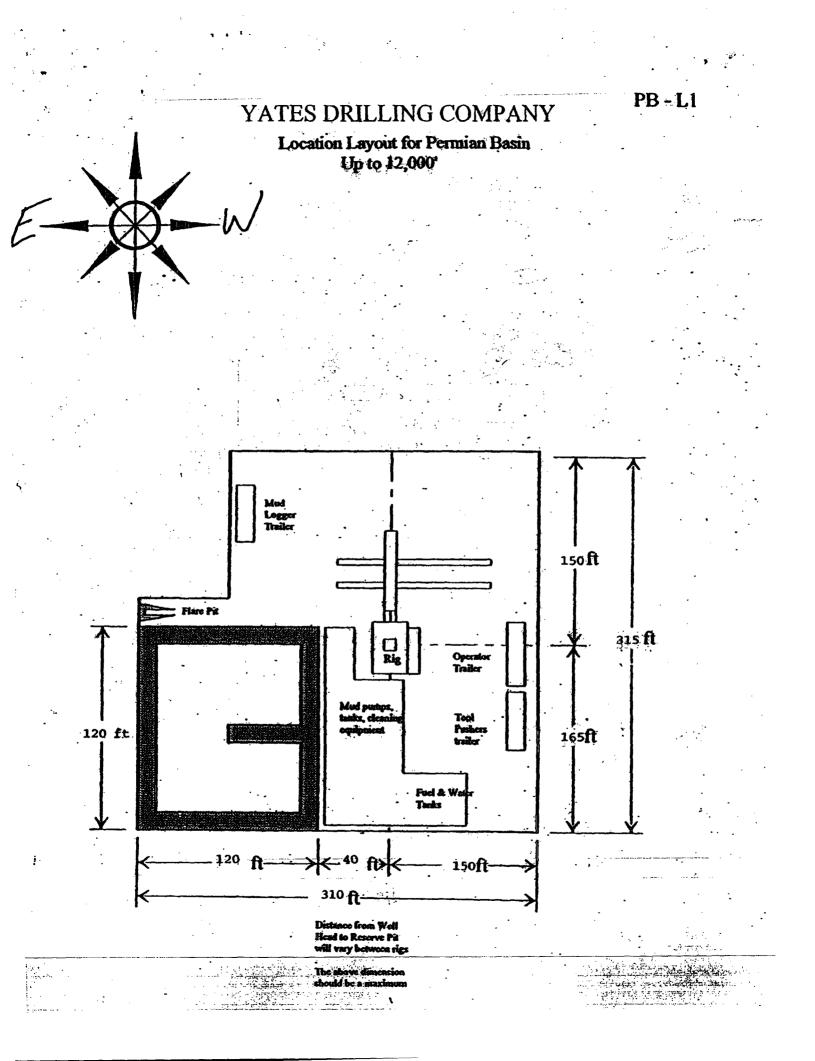
Sincerely

Van Barton

Oil Conservation Division * 1220 South St. Francis Drive * Santa Fe, New Mexico 87505 Phone: (505) 476-3440 * Fax (505) 476-3462 * http://www.emmrd.state.nm.us

Standard reserve pit. All Reserve pits are double Horse shoe size varies with depth of well





Form 3160-5 (September 2001)		UNITED STATES ARTMENT OF THE INTE EAU OF LAND MANAGE			Gran	Dist. 2 Id Ave	enue	FORM APPROVED OMB No. 1004-0135 Expires January 31, 2004	
		TICES AND REPORT					5. Lease Serial		
		is form for proposals to dril Use Form 3160-3 (APD) fo					LC-04994 6. If Indian, Allo	ttee or Tribe Name	
	UBMIT IN TRIPL	ICATE - Other instr	uctions	on reverse	EGEI	VED	7. If Unit or CA/	Agreement, Name and	/or No.
1. Type of Well		s Well Other			JUN 1 0	2004	8. Well Name a	and No.	
Oil W	/eli X Ga			00	9:49	TESIA			
2. Name of Open							9. API Well No	ot Federal Com a	<u>#2</u>
	ling Company		3h Phone	No. <i>(include area d</i>	code)		1	30-015-33345	
3a. Address	n Str., Artesia, Ni	M 88210		505-748-8463	•			Pool, or Exploratory Area	·
the second se		M., OR Survey Description)	L					Wildcat Chester	
							11. County or F	Parish, State	
	1600' FS	L and 660' FEL Sec	tion 29-1	19S-27E			Eddy,	NM	
12	. CHECK APPROP	PRIATE BOX(ES) TO	INDICA	TE NATURE	OF NO	TICE, RI	EPORT, OR	OTHER DATA	
TYPE OF	FSUBMISSION			TYP	E OF A	CTION			
Notic	ce of Intent	Acidize		Deepen Fracture Treat		Production (Reclamation	Start/Resume)	Water Shut-Of Well Integrity	r
		Casing Repair		New Construction		Recomplete		X Other	
X Subs	equent Report	Change Plans		Plug and Abandon		Temporarily	Abandon	Spud, Casing,	Cement
Final	Abandonment Notice	Convert to Injection		Plug Back		Water Dispo	sal		
If the proposal i Attach the Bond following compl testing has bee determined that 5/29/04 5/31/04 6/1/04	is to deepen directionally or in d under which the work will letion of the involved operatin n completed. Final Abando the site is ready for final ins Spud 20" hole, at 5 Resumed drilling w TD 430'. Ran 10 jts set at 386.35'. Cei Bumped plug to 63 NOTE: Ran centra Resumed drilling 12	15PM, 5/29/2004. th rotary tools 10:45 A s. 13 3/8" 54.5# J-55 c mented with 475 sxs. C 0 psi, float did not hold lizers on shoe joint, #3 2 1/4" hole 12:00 AM, f nent job and operation	urface locatio d No. on file multiple com x after all requ M, 5/31/2 asing, se Class "C" L. Circula , 5 & 7. 5/3/2004.	ns and measured and with BLM/BIA. Requ pletion or recompletic irrements. including re 2004. t at 430'. Texa + 2% CACI2 (ted 170 sxs. to	I true vertica lifed subseq on in a new in committee in committee in a new in committee	I depths of all uent reports s interval, a For nave been cor wt 14.8) DC 30 hr: ACCE	pertinent markers shall be filed with m 3160-4 shall b mpleted, and the o Shoe set at 4 . PD at 5:15 s., 45 min.	s and zones. in 30 days. ie filed once sperator has 430'. Insert float 5PM, 6/1/2004. OR RECORD 2004 000000	
Name (Pri		n J. Leishman		Title Eng	gineerin	g Techn	ician		
Signature	Karen J	Leistman		Date 7-JI	un-04				
	/ //	THIS SPACE	FOR FED	ERAL OR STAT	TE OFFIC	E USE			
Approved by				Title	e			Date	
certily that the	oproval, if any, are attach applicant holds legal or e tile the applicant to condu	ed. Approval of this notice d quitable title to those rights ict operations thereon.	loes not wa in the subje	rrant or ect lease Offi	œ			<u>- million</u>	
Title 18 U.S.C. S	Section 1001 and Title 43	U.S.C. Section 1212, make it atements or representations a				libully to ma	ke to any depar	tment or agency of the I	Jnited

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		i.M. Oil Cons	. DIV-Di	st. 2	
Form 3160-5 September 2001) DEI BUF	UNITED STATES PARTMENT OF THE INTERIO EAU OF LAND MANAGEMEN	1301 W. Gra	nd Aver	FOF OM	M APPROVED 3 No. 1004-0135 s January 31, 2004
	TICES AND REPORTS C			5. Lease Serial No. LC-049945-	3
	nis form for proposals to drill or 1. Use Form 3160-3 (APD) for su			6. If Indian, Allottee	
				7. If Upit or CA/Agre	ement, Name and/or No.
SUBMIT IN TRIPL	JCATE - Other instruct				
	s Well Other	• •=-	EIVED 5 2004	8. Welt Name and N	lo.
2. Name of Operator		• - · · -			ederal Com #2
Yates Drilling Company	24		HTESIA	9. API Well No.	015-33345
3a. Address 105 S. 4th Str., Artesia, N		Phone No. <i>(include area code</i> 505-748-8463)	10. Field and Pool,	
4. Location of Well (Footage, Sec., T., R.		505-7-0-0-105		-	Icat Chester
······································				11. County or Paris	
1600' F	SL and 660' FEL Sectior	29-19S-27E		Eddy, NM	l
12. CHECK APPRO	PRIATE BOX(ES) TO INI	DICATE NATURE OF	NOTICE, R		
TYPE OF SUBMISSION		TYPE C	OF ACTION		
at 2776.26'. Ceme Tailed in with 200 : held OK. Circulate 8 3/4" and resume NOTE: Ran centra	recomplete horizontally, give subsurfac be performed or provide the Bond No tions. If the operation results in a multi onment Notices shall be filed only after spection.) jts. 9 5/8", J-55, 36# casin, ented with 700 sxs 35:65:6 sxs. Class "C" + 2% CaCL2 ed 170 sxs to pit. WOC 23	e locations and measured and true on file with BLM/BIA. Required in iple completion or recompletion in r all requirements, including reclam g, set at 2820'. Regular + 2% CaCL2 + 1/4# Ce 2 (yld 1.34, wt 14.8). Pt hrs. and 15 min. Drille ,15,20,30,35,40,45,50,5	Reclamation Recomplete Temporarily Water Disput proposed work and vertical depths of al subsequent reports a new interval, a Fo attion, have been co or guide shoe s billo flake Class D at 1:00 AM, d out at 12:15	Abandon approximate duration th I pertinent markers and shall be filed within 30 mm 3160-4 shall be filed mpleted, and the operation set at 2820'., Flo ss "C" cement (y 6-8-2004. Burn 5 AM 6-9-2004.	zones. days. lonce or has at collar set ld 1.97, wt 12.5). ped plug to 1640 psi, Reduced hole to
 14. I hereby certify that the foregoing is Name (Printed/Typed) 				JUN ALEXIS C PETROLEU	2 4 2004 . SWOBÓDA JM ENGINEER
Kare	n J. Leishman	Title Engine	ering Techr	nician	
signature Kaven Q	Leshnai	Date 22-Jun	-04		
	THIS SPACE FO	R FEDERAL OR STATE (12 11 1 1 1 1 1 1 1 1
Approved by		Title		Dete	
Conditions of approval, if any, are attac certify that the applicant holds legal or which would entitle the applicant to cond	equitable title to those rights in the uct operations thereon.	not warrant or le subject lease Office		Date	
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent s				ake to any departmen	t or agency of the United

Form 3160-5		UNITED STATES		Oil Cons.		DRM APPROVED		
(September 2001)		ARTMENT OF THE INTE	rior Ment N.N	A. DIV-Dist.		AB No. 1004-0135 res January 31, 2004		
		TICES AND REPORT	- 1301 V	V. Grand Av	venue			
	Do not use thi	ITICES AND REPORT is form for proposals to dril	or releases	sia, NM 88	210C-049945	·B		
		Use Form 3160-3 (APD) fo		·	6. If Indian, Allotte			
su	BMIT IN TRIPL	ICATE - Other instr	uctions on reve	rse side		reement, Name and/or No.		
1. Type of Well Oil Wel	I X Gas	s Well Other		A *75	8. Well Name and	No.		
2. Name of Operato	8 Parrot	Federal Com #2						
Yates Drilling Company								
3a. Address		30	-015-33345					
	Str., Artesia, N		505-248-	8463 - 1	4.*/- -	, or Exploratory Area		
4. Location of Well	(Footage, Sec.,T.,R.,I	M., OR Survey Description)	60	13 W J2 56 51 58	11. County or Pari	dcat Chester		
		N and CCO! EEL Cas	Non 00 100 07E	-2292901				
		A and 660' FEL Sec RLATE BOX(ES) TO			Eddy, NI			
<u> </u>		KIATE BUX(ES) TO						
TYPE OF S	SUBMISSION			TYPE OF ACTIC	JN			
		Acidize	Deepen	Produ	ction (Start/Resume)	Water Shut-Off		
Notice of	of Intent	Alter Casing	Fracture Treat	Reclan	nation	Well Integrity		
		Casing Repair	New Construc	tion Recon	nplete	X Other		
X Subsequ	ent Report	Change Plans	Plug and Abar	idon Temp	oranily Abandon	Casing, Cement		
Final At	andonment Notice	Convert to Injection	Plug Back	Water	Disposal			
following completion testing has been on determined that the 6/27/04 TE 8 35 FL W No No No Ra State No No	an of the involved operation ompleted. Final Abando e site is ready for final ins 0 8205'. Ran 193 32 jts. 7 48 jts. 7 113 jts. egular guide shoe 5:65:6 + 5% salt + 52 & 25 + 4# LC OC. Diffied Clark with t ote: Ran centraliz an marker joint 39	B jts. of 7" casing, set a " 26# L-80 (1348.27 " 26 # J-55 (2039.12 7" 23# J-55 (4833.3 set at 8205'. Float co 5# LCM-1 + 3/10% FL M-1 (yld 1.57, wt 13.2) he BLM of the casing a zers on jts. 1,2,3,5,10,2 132.86' to 3911.40'.	multiple completion or reco after all requirements, inclu it 8205', as follows: ') ') llar set at 8161.56' 25 (yld 2.05, wt 1; PD at 5:22 PM, 6 and cement job.	mpletion in a new interval, ding reclamation, have be Circulated hole. 2.5). Tailed in wit 5/27/2004. Bump	a Form 3160-4 shall be fill en completed, and the opera Cemented with 32 th 480 sxs 15:61:11 red plug to 1500 ps 20,130 140,150,16 ACCEP	ed once tor has 20 sxs. + 6/10% , held okay.		
	that the foregoing is the	ue and correct						
Name (Printe	•	J. Leishman	Title	Engineering Te	chnician	LES BABYAK ROLEUM ENGINEER		
Signature	Konen (2 Le dansi	Date	1-Jul-04				
<u> </u>	1 0	THIS SPACE	FOR FEDERAL OR)E			
Approved by								
Approved by Conditions of appro	oval, if any, are attach	ed. Approval of this notice de	e = = = =	Title	Dat	3		
which would entitle	licant holds legal or ea the applicant to conduc	quitable title to those rights ct operations thereon.	n the subject lease	Office				
States any false, fic	titious or fraudulent sta	U.S.C. Section 1212, make it atements or representations a	a crime for any person k s to any matter within its	nowingly and willbully t jurisdiction	to make to any departme	nt or agency of the United		

Form 3160-5 UNITED STATES (September 2001) DEPARTMENT OF THE IN	for such proposals. uctions on reverse side RECEIVED JUL 2 9 2004 ORB: ARTESIA	FORM APPROVED OMB No. 1004-0135 Expires January 31, 2004 5. Lease Serial No. LC-049945-B 6. If Indian, Allottee or Tribe Name 7. If Unit or CA/Agreement, Name and/or No. 8. Well Name and No. Parrot Federal Com #2 9. API Well No.
3a. Address	35. Phone No. (include area code)	30-015-33345
105 S. 4th Str., Artesia, NM 88210	505-748-8463	10. Field and Pool, or Exploratory Area Wildcat Chester
4. Location of Well (Footage, Sec., T., R., M., OR Survey Description) 1600' FSL and 660' FEL Sec 12. CHECK APPROPRIATE BOX(ES) TO		11. County or Parish, State Eddy, NM
TYPE OF SUBMISSION	TYPE OF ACTION	
Acidize Acidia Acidize	Fracture Treat Reclamat New Construction Recomple Plug and Abandon Tempora on Plug Back Water Di buding estimated starting date of any proposed work and ap ace locations and measured and true vertical depths of all pro o. on file with BLM/BA. Required subsequent reports sha illiple completion or recompletion in a new interval, a Form ter all requirements, including reclamation, have been comp assing and liner hanger, set at 10,677'. Regu set at 8928.88'. Cemented with 275 sxs. 15: rt 13.5). PD at 2:30 PM, 7/14/2004. Bumped hanger.	te trily Abandon sposal proximate duration thereof. etiment markers and zones. all be filed within 30 days. 3160-4 shall be filed once leted, and the operator has allar guide shoe set 10,677.13' and 61:11 "C" + 6/10% FL-52 + 6/10%
14. I hereby certify that the foregoing is true and correct	<u> </u>	
Name (Printed/Typed) Karen J. Leishman	Title Engineering Tecl	nician
Signature Laven & Leishnam	Date 23-Jul-04	
	FOR FEDERAL OR STATE OFFICE USE	
Approved by Conditions of approval, if any, are attached. Approval of this notice doe certify that the applicant holds legal or equitable title to those rights in which would entitle the applicant to conduct operations thereon. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a States any false, fictitious or fraudulent statements or representations as	Title Title The subject lease orime for any person knowingly and willbuily to make	Date

/ U				17-11	let. 2			
Form 3160-5 (September 2001)	F	UNITED 301 ESVA DEPARTMENT OF THE INTE BUREAU OF LAND ATTOS	Grand	Ave	nue	6	FORM APPROVED DMB No. 1004-0135 pires January 31, 2004	
SUNDRY NOTICES AND REPORTS ON WELLS							0. D	
Do not use this form for proposals to drill or re enter an abandoned well. Use Form 3160-3 (APD) for such proposals.							b-B ee or Tribe Name	
ang ang Kanganan ang								
SUBM	IT IN TRIP	LICATE - Other instru	ctions on re	verse s F	side RECEIVED	7. If Unit or CA/A	7. If Unit or CA/Agreement, Name and/or No.	
Oil Well	X	Gas Well Other			SEP 2 7 2004	8. Well Name an	d No.	
2. Name of Operator		O K	A APTESI	Parrol	t Federal Com #2			
Yates Drilling Cor	mpany	······				9. API Well No.		
3a. Address	Auto-in 114	4 00010	3b. Phone No. (ii		,		0-015-33345	
105 S. 4th Str., A. Location of Well (Footage				748-84	03		ol, or Exploratory Area ildcat Chester	
		···, •·· • ··· ·, • · · · ,				11. County or Pa		
	1600' F	SL and 660' FEL Section	on 29-19S-27	Έ		Eddy, N	IM	
12. CHE	CK APPRO	OPRIATE BOX(ES) TO I	NDICATE NA	TURE	OF NOTICE, 1	REPORT, OR OT	THER DATA	
TYPE OF SUB	MISSION			TY	TE OF ACTIC	DN		
Notice of I	ntent	Acidize	Deeper		Produc	tion (Start/Resume) nation	Water Shut-Off	
X Subsequent	D	Casing Repair	New C	construction	Recom	plete	X Other	
Subsequent	кероп	Change Plans	Plug ar	nd Abandon	Tempo	orarily Abandon	Perf	
Final Aban	donment Notice	Convert to Injection	Plug B	ack	Water 1	Disposal		
Attach the Bond under white following completion of the	ch the work will involved operation Final Abando	ecomplete horizontally, give subsurface be performed or provide the Bond No. ons. If the operation results in a multij nment Notices shall be filed only after pection.)	on file with BLM/Bl/ Die completion or rec	A. Required completion in fuding recta	d subsequent reports s n a new interval, a For mation, have been con	thall be filed within 30 da m 3160-4 shall be filed or npleted, and the operator (ays. nce	
				AC	SEP 2 2 LES BA PETROLEUM	DVAK.		
14. I hereby certify that the Name (Printed/Typed Signature	()	ue and correct aren J. Leishman Lushman	Title Date		ngineering Te 7-Sep-04	chnician		
	- V	THIS SPACE F	OR FEDERAL (OR STAT	E OFFICE USE			
Approved by				<u> </u>	itle	Da	ate	
certify that the applicant h	Conditions of approval, if any, are attached. Approval of this notice does not warrant certify that the applicant holds legal or equitable title to those rights in the subject lead which would entitle the applicant to conduct operations thereon.							

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Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willbully to make to any department or agency of the United

Attachment Sundry-9/17/2004 Parrot Federal #2 Section 29-19S-27E Eddy County, NM 30-015-33345

1.11-

8/2/2004	RUPU.
8/10/2004	RIH and perforated 10,186'- 10,222', .43" holes, 2 SPF, 72 holes. Wireline set 4 ½" full bore packer at 10,108'. Tested backside to 1000 psi held good.
8/14 /2004	Acidized with 2000 gals. 7 1/2% NEFE acid with nitrogen. Swabbed well.
8/23/2004	Frac'd with 40,980# 20/40 Interprop with 4838 SCF N2, 90 tons CO2. Flowed well back.
9/1/2004	RIH and set 4 1/2" Composite Bridge Plug at 10,170'.
9/2/2004	RIH with wireline and perforated 10,094' – 10,126', .43" holes, 4 SPF, 128 holes. RIH and set packer at 10,002'. Tested backside to 1500 psi for 15 mins, tested good. Swabbed well.
9/8/2004	Acidized with 3500 gals 7 ½% HCL with 700 gals methanol with 150 ball sealers. Flowed well back.
9/14/2004	RIH with dump bailer and dumped 25' cement on top of Composite Bridge Plug. RIH with CIBP, set at 9000'. Dumped 25' cement on top of CIBP. New PBTD 8975'. Swabbed well.
9/15/2004	RIH and perforated 8382'-8398', .43" holes, 4 SPF, 64 holes. RIH with tail joint, packer and 2 3/8" tubing.
9/16/2004	Spotted 2 bbls. acid on perforations. Laid down 2 jts. and reversed acid. Set packer at 8346'. Pumped 4000 gals 20% HCL with 100 ball sealers. Swabbed well.

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Form 3160-5 (September 2001)		UNITE DEPARTMENT BUREAU OF LA	D STATES OF THE INTE		il Conc	,		FORM APPROVED OMB No. 1004-0135 Expires January 31, 2004		
	SUNDRY			NAW	₽l¥-Di	st. 2		5. Lease Serial N	lo.	
Do not use this form for proposals with a Winte Grand Avenue abandoned well. Use Form 3160-3 (APD) Arse Signo 1411 88210								6. If Indian, Allott	o-B ee or Tribe Name	
SUBMIT IN TRIPLICATE - Other instructions on reverse side									greement, Name a	nd/or No.
1. Type of Well Oil We								8. Well Name an	id No.	
2. Name of Operator								Parro	t Federal Com	ו #2
Yates Drilling C	ompany	· · · · · · · · · · · · · · · · · · ·				DDD:	ATESIA	9. API Well No.		
3a. Address				1	No. (include i				0-015-33345	
4. Location of Well (Foo			cription)	l	505-748-	8463	<u>-</u>		ol, or Exploratory Ar ildcat Chester	
	lage, 000., 1., 1., 1., 1., 1.	i, on our of be	enptiony					11. County or Pa		
	1600' F	SL and 660	FEL Sectio	n 29-19	S-27E			Eddy, N	IM	
12. CI	ECK APPRO	OPRIATE BO	X(ES) TO IN	DICATH	E NATUR	E OF NC	OTICE, REP	ORT, OR OI	THER DATA	
TYPE OF SU	JBMISSION					TYPE OF	ACTION			
					Deepen		Production (Start/Resume)	Water Shut-	Off
Notice	of Intent		ter Casing		Fracture Treat	ר	Reclamation	,	Well Integri	ty
			asing Repair		New Construct	tion	Recomplete		X Other	
X Subseq	uent Report		hange Plans	П	Plug and Aban	indon Temporarily Abandon Perf				
Final A	bandonment Notice		onvert to Injection	X	Plug Back	Ē	Water Dispo	sal		
8	ted. Final Abandor is ready for final insp IH and dumped 360'. Tested ca	ment Notices shall	top of existing i, held good. F	all requiremen plug at 89 RIH and du	ts, including rec 75'. Total c imped 35' c	ement on t ement on t	e been completed top of plug 35	, and the operator h '. RIH with CIE	as BP and set at	
				A	OC ALEXI	T 2 5 S.C. SW	RECOR		2004 0CT 2	ALT.
14. I hereby certify that	ha faragaina in ta	o and anymat				<u></u>		<u>9</u> ;	<u> </u>	<u>Tĩ</u>
Name (Printed/Typ	ped)					F •			9. H	- Fi
		aren J. Leish	iman		Title	Enginee	ring Techn	ician 🦉	$\frac{\cdot \cdot}{\cdot \cdot}$	•
Signature	men y	Lustino		2 - 14 - 14 - 14 - 14 - 14 - 14 - 14 - 1		20-Oct-0				يجد المراجع
		Π	HIS SPACE FO	OR FEDER	RAL OR ST		CEUSE			
Approved by						Title		D	ate	
Conditions of approval, certify that the applican which would entitle the a	t holds legal or economicant to conduct t	uitable title to the toperations there	ose rights in the on.	subject leas	ie -	Office				
Title 18 U.S.C. Section 1	רטטו and Title 43 \	J.S.C. Section 12	12, make it a crin	ne for any pe	erson knowing	gly and willbu	ully to make to a	iny department of	agency of the Unite	ed

	1)		DEPART	UNITED STA	HE INNER		ons. /-Dist. 2	•			rm appr B NO. 100	
			BUREAU		SMAGENE	NTG	and Ava			Expire	s: Januan	y 31, 2004
*	WELL (COMPL	ETION OR	RECOMP	TETION	REP	AND A LINE			. Lease Serial N	No.	
1a. Type of Well	X IO	Veli	Gas Well	Dry	Other	ia, N	W 8821	0		LC	C-0499	45-B
b. Type of Completi	ion: X	New Well	Work Over	Deepen	Plug Ba	ck [Diff. Res	wг.,	e	3. If Indian, Allott	iee or Trib	e Name
2. Name of Opera	Othe	er			·				7	. Unit or CA Ag	reement N	Name and No.
Yates Drillir	ng Compar	ny										
3. Address 105 S. 4th S	Str. Artoci		98210	3a. Phone No 505-748-	-	ea code)			٤	3. Lease Name : Dorrot		™. al Com #2
4. Location of We						nents)*	RECEIV	EL		. API Well No.		
At Surface			1600' FSL	& 660' FEL			OCT 2.6	2004	-	0. Field and Po	ol, or Expl	13345 S
							DOD:APT	FSIA	۲ I	Will 1. Sec., T.,R.,N		hoster-We
At top prod. Int	terval reported	d below						Low Sec. 100	ì	Survey or Are		
									Ļ		<u>9-19S-</u>	
At total depth									ľ	2. County or Pari	ish 13. Si	
14 . D-4 . 0	- 4		45 D-4: 70 C		10 0-1-0		10	5/2004		Eddy		NM
14. Date Spudde 5/2	ed 29/2004		15. Date T.D.Re 7/12/	2004	16. Date C	D & A	X Ready			17. Elevations (1	оғ,якв,я 3413' (
18. Total Depth:		10'677'	1	9. Plug Back T.C).: MD	- 8325'	20. Depth Bride		et [.]	MD 8360		
-						JULU		, iug S				
21. Type Electric &	Other Mechani	cal Logs Ru	n (Submit copy of a	each)	22 Was V	Vell corec	17 X No	□ Ye	s (Sul	omit analysis)		
The report of the second of						OST run?		X Ye		omit report)		
CSN	IG/DSN/SD	L, DLL/M	GRD, SSS/RS	СТ		nal Survey			•	amit copy)		
					Unectio	anar ourvey		د Te:				
23. Casing and L	iner Record ((Report all	strings set in we	»//)	9 44	e Cement	er No. of Si	<u>e E 1</u>	Slurry	/ol		
Hole Size	Size/Grade	W1.(#/	t.) Top (MD)	Bottm(MD		Depth	Type of Ce	1	(BBL		ent Top*	Amount Pul
17 1/2"	13 3/8"	54.5		430'	<u> </u>		475 "(183		circ	none
12 1/4"	9 5/8"	36#	surf	2820			900 "(521		circ	none
8 3/4"	7"	26 & 2		8205'			800 "(581		circ	none
6 1/8"	4 1/2"	11.6	# 7983'	10677	·		275 "(C"	73	7	983'	none
		<u> </u>										<u> </u>
24 Tubing Door		1								l	<u>. </u>	_l
24. Tubing Reco Size	Depth Se	et (MD)	Packer Depth	(MD) Size	Depth	Set (MD)	Packer Depth	(MD)	Size	Depth Set (M	D) Pa	cker Depth (M
			7920	((
2 3/8"	7920'											
2 3/8" 25 . Producing Ir			•				26. Perforation	Record				
25 . Producing Ir			Тор		Bottom		26. Perforation Perforated Inter		Size	No. Holes		Perf. Status
25 . Producing Ir	ntervals		Тор 8074'		Bottom 8222'		Perforated Inter 10186'-102	val 22'	.43"	72		plugged
25 . Producing Ir F A) Wolfcamp B)	ntervals						Perforated Inter 10186'-102 10094'-101	val 22' 26'	.43" .43"	72 128		plugged plugged
25 . Producing Ir F A) Wolfcamp B) C)	ntervals						Perforated Inter 10186'-102 10094'-101 8382'-839	val 22' 26' 8'	.43" .43" .43"	72 128 64		plugged plugged plugged
25 . Producing Ir F A) Wolfcamp B) C) D)	ntervals formation	- Com	8074'				Perforated Inter 10186'-102 10094'-101	val 22' 26' 8'	.43" .43"	72 128		plugged plugged
25 . Producing Ir F A) Wolfcamp B) C) D) 27. Acid, Fractur	ntervals formation	t, Cement	8074'			Am	Perforated Inter 10186'-102 10094'-101 8382'-839 8074'-815	rval 22' 26' 8' 8'	.43" .43" .43" .48"	72 128 64		plugged plugged plugged
25 . Producing Ir F A) Wolfcamp B) C) D) 27. Acid, Fractur	re, Treatment	i, Cement	8074'	000 gals 7 1/2	8222'		Perforated Inte 10186'-102 10094'-101 8382'-839 8074'-815 rount and Type of	val 22' 26' 8' 8' 68'	.43" .43" .43" .48"	72 128 64 467		plugged plugged plugged producing
25 . Producing Ir F A) Wolfcamp B) C) D) 27. Acid, Fractur De	re, Treatment	t, Cement	8074'	000 gals 7 1/2	8222'		Perforated Inter 10186'-102 10094'-101 8382'-839 8074'-815	val 22' 26' 8' 8' 68'	.43" .43" .43" .48"	72 128 64 467		plugged plugged plugged producing
25 . Producing Ir F A) Wolfcamp B) C) D) 27. Acid, Fractur De	re, Treatment pth Interval (plugged)	, Cement	8074' Squeeze, Etc. Acidized w/ 2t		8222'	id w/ N2	Perforated Inte 10186'-102 10094'-101 8382'-839 8074'-815 ount and Type o Frac'd w/ 40,9	val 22' 26' 8' 8' 68'	.43" .43" .43" .48"	72 128 64 467		plugged plugged plugged producing
25 . Producing Ir F A) Wolfcamp B) C) D) 27. Acid, Fractur De 10186'-10222' 10094'-10126' 8382'-8398' (pi	re, Treatment pth Interval (plugged) (plugged)	, Cement	8074' Squeeze, Etc. Acidized w/ 2' tons CO2	500 gals 7 1/2	8222'	id w/ N2	Perforated Inte 10186'-102 10094'-101 8382'-839 8074'-815 ount and Type o Frac'd w/ 40,9	val 22' 26' 8' 8' 68'	.43" .43" .43" .48"	72 128 64 467		plugged plugged plugged producing
25 . Producing Ir F A) Wolfcamp B) C) D) 27. Acid, Fractur De 10186'-10222' 10094'-10126' 8382'-8398' (pl 28. Production -	re, Treatment pth Interval (plugged) (plugged) lugged) Interval A		8074' Squeeze, Etc. Acidized w/ 2t tons CO2 Acidized w/ 3 Acidized 4000	500 gals 7 1/2 gals 20% HCL	8222' " NEFE ac ?% HCL w/	id w/ N2 700 gals	Perforated Inte 10186'-102 10094'-101 8382'-839 8074'-815 ount and Type o Frac'd w/ 40,9	val 22' 26' 8' 8' 8' 9' 9' Material 80# 20/4	.43" .43" .43" .48"	72 128 64 467	SCF N2	plugged plugged plugged producing
25 . Producing Ir F A) Wolfcamp B) C) D) 27. Acid, Fractur De 10186'-10222' 10094'-10126' 8382'-8398' (p) 28. Production - Date First	re, Treatment pth Interval (plugged) (plugged) lugged) Interval A Test	Hour	8074' Squeeze, Etc. Acidized w/ 2' tons CO2 Acidized w/ 3 Acidized 4000 g s Test	500 gals 7 1/2 gals 20% HCL Oil	8222' 2" NEFE ac 2% HCL w/ Gas	id w/ N2 700 gals Water	Perforated Inte 10186'-102 10094'-101 8382'-839 8074'-815 ount and Type of Frac'd w/ 40,9 methanol	Val 22' 26' 8' 8' 68' 60' 80' 20/4 Gas	.43" .43" .43" .43" .48" 0 Interp	72 128 64 467	SCF N2	plugged plugged plugged producing
25 . Producing Ir F A) Wolfcamp B) C) D) 27. Acid, Fractur De 10186'-10222' 10094'-10126' 8382'-8398' (pl 28. Production -	re, Treatment pth Interval (plugged) (ugged) Iugged) Interval A Test Date		8074' Squeeze, Etc. Acidized w/ 2' tons CO2 Acidized w/ 3 Acidized 4000 g s Test	500 gals 7 1/2 gals 20% HCL Oil	8222' 2" NEFE ac 2% HCL w/ Gas MCF	id w/ N2 700 gals Water BBL	Perforated Inte 10186'-102 10094'-101 8382'-839 8074'-815 ount and Type o Frac'd w/ 40,9	val 22' 26' 8' 8' 8' 9' 9' Material 80# 20/4	.43" .43" .43" .43" .48" 0 Interp	72 128 64 467 srop w/4838	SCF N2	plugged plugged plugged producing
25 . Producing Ir F A) Wolfcamp B) C) D) 27. Acid, Fractur De 10186'-10222' 10094'-10126' 8382'-8398' (p) 28. Production - Date First Produced	re, Treatment pth Interval (plugged) (plugged) lugged) Interval A Test	Hour	Squeeze, Etc. Acidized w/ 2 tons CO2 Acidized w/ 3 Acidized 4000 s Test Product	500 gais 7 1/2 gals 20% HCL ion BBL 183.3	8222' 2" NEFE ac 2% HCL w/ Gas MCF 970	id w/ N2 700 gals Water BBL	Perforated Inte 10186'-102 10094'-101 8382'-839 8074'-815 ount and Type of Frac'd w/ 40,9 methanol	Val 22' 26' 8' 8' 68' 60' 80' 20/4 Gas	.43" .43" .43" .48" 0 Interp	72 128 64 467 srop w/4838	SCF N2	plugged plugged plugged producing
25 . Producing Ir F A) Wolfcamp B) C) D) 27. Acid, Fractur De 10186'-10222' 10094'-10126' 8382'-8398' (p) 28. Production - Date First Produced 10/6/2004	re, Treatment pth Interval (plugged) (ugged) (ugged) Interval A Test Date 10/18/2004	Hour Teste 24	Squeeze, Etc. Acidized w/ 2 tons CO2 Acidized w/ 3 Acidized 4000 g	500 gais 7 1/2 gals 20% HCL ion BBL 183.3	8222' 2" NEFE ac 2% HCL w/ Gas MCF 970 Gas	id w/ N2 700 gals Water BBL 0	Perforated Inte 10186'-102 10094'-101 8382'-839 8074'-815 ount and Type of Frac'd w/ 40,9 methanol Oil Gravity Corr. API	val 22' 26' 8' 8' 0f Material 80# 20/4 Gas Gravity	.43" .43" .43" .48" 0 Interp Produ / Flow	72 128 64 467 5rop w/4838 uction Method	SCF NZ	plugged plugged producing 2, 90
25 . Producing Ir F A) Wolfcamp B) C) D) 27. Acid, Fractur De 10186'-10222' 10094'-10126' 8382'-8398' (p) 28. Production - Date First Produced 10/6/2004 Choke	re, Treatment pth Interval (plugged) (ugged) (ugged) Interval A Test Date 10/18/2004 Tbg. Press.	Hour Teste 24 Csg	Squeeze, Etc. Acidized w/ 2 tons CO2 Acidized w/ 3 Acidized 4000 s Test Product C 24 Hr	500 gais 7 1/2 gals 20% HCL ion BBL 183.3	8222' 2" NEFE ac 2% HCL w/ 39 970 Gas MCF	id w/ N2 700 gals Water BBL 0 Water BBL	Perforated Inte 10186'-102 10094'-101 8382'-839 8074'-815 ount and Type of Frac'd w/ 40,9 methanol Oil Gravity Corr. API Gas: Oil	val 22' 26' 8' 8' 0f Material 80# 20/4 Gas Gravity	.43" .43" .43" .48" 0 Interp 0 Interp Flow	72 128 64 467 5rop w/4838 uction Method	SCF NZ	plugged plugged producing 2, 90
25 . Producing Ir F A) Wolfcamp B) C) D) 27. Acid, Fractur De 10186'-10222' 10094'-10126' 8382'-8398' (pi 28. Production - Date First Produced 10/6/2004 Choke Size 12/64 28a. Production-	re, Treatment pth interval (plugged) (plugged) (ugged) interval A Test Date 10/18/2004 Tbg. Press. Fiwg. 2100 -Interval B	Hour Teste 24 Csg Press	Squeeze, Etc. Acidized w/ 2 tons CO2 Acidized w/ 3 Acidized 4000 s Test Product 24 Hr Rate	500 gals 7 1/2 gals 20% HCL ion BBL 183.3 Oil BBL 183.3	8222' 2" NEFE ac 2% HCL w/ 39 970 Gas MCF 39 970	id w/ N2 700 gals Water BBL 0 Water BBL 0	Perforated Inte 10186'-102 10094'-101 8382'-839 8074'-815 ount and Type of Frac'd w/ 40,9 methanol Oil Gravity Corr. API Gas: Oil Ratio 528/1	val 22' 26' 8' 6 Material 80# 20/4 Gas Gravity Well Sta flowing	.43" .43" .43" .48" 0 Interp 0 Interp Flow tus AC	72 128 64 467 prop w/4838 action Method ing	SCF N2	plugged plugged producing 2, 90
25 . Producing Ir F A) Wolfcamp B) C) D) 27. Acid, Fractur De 10186'-10222' 10094'-10126' 8382'-8398' (pi 28. Production - Date First Produced 10/6/2004 Choke Size 12/64 28a. Production- Date First	re, Treatment pth Interval (plugged) (plugged) (lugged) Interval A Test Date 10/18/2004 Tbg. Press. Fiwg. 2100 -Interval B Test	Hour Teste 24 Csg Press Hour	Squeeze, Etc. Acidized w/ 2 tons CO2 Acidized w/ 3 Acidized 4000 g s Test Product 24 Hr s. 24 Hr Rate	500 gals 7 1/2 gals 20% HCL ion BBL 183.3 Oil BBL 183.3 Oil	8222' 2" NEFE ac 2% HCL w/ 39 970 Gas MCF 39 970 Gas MCF	id w/ N2 700 gals Water BBL 0 Water BBL 0 Water	Perforated Inter 10186'-102 10094'-101 8382'-839 8074'-815 ount and Type of Frac'd w/ 40,9 methanol Oil Gravity Corr. API Gas: Oil Ratio 528/1 Oil Gravity	Val 22' 26' 8' 8' of Material 80# 20/4 Gas Gravity Well Sta flowing Gas	.43" .43" .43" .48" 0 Interp 0 Interp Flow tus AC	72 128 64 467 prop w/4838 uction Method ing CEPTEL	SCF N2	plugged plugged producing 2, 90
25 . Producing Ir F A) Wolfcamp B) C) D) 27. Acid, Fractur De 10186'-10222' 10094'-10126' 8382'-8398' (pi 28. Production - Date First Produced 10/6/2004 Choke Size 12/64 28a. Production-	re, Treatment pth interval (plugged) (plugged) (ugged) interval A Test Date 10/18/2004 Tbg. Press. Fiwg. 2100 -Interval B	Hour Teste 24 Csg Press	Squeeze, Etc. Acidized w/ 20 tons CO2 Acidized w/ 30 Acidized 4000 g s Test Product S Test Rate S Test Product	500 gals 7 1/2 gals 20% HCL ion BBL 183.3 Oil BBL 183.3 Oil	8222' 2" NEFE ac 2% HCL w/ 39 970 Gas MCF 39 970 Gas MCF	id w/ N2 700 gals Water BBL 0 Water BBL 0 Water	Perforated Inte 10186'-102 10094'-101 8382'-839 8074'-815 ount and Type of Frac'd w/ 40,9 methanol Oil Gravity Corr. API Gas: Oil Ratio 528/1	val 22' 26' 8' 6 Material 80# 20/4 Gas Gravity Well Sta flowing	.43" .43" .43" .48" 0 Interp 0 Interp Flow tus AC	72 128 64 467 prop w/4838 action Method ing	SCF N2	plugged plugged producing 2, 90
25 . Producing Ir A) Wolfcamp B) C) D) 27. Acid, Fractur 10186'-10222' 10094'-10126' 8382'-8398' (pi 28. Production - Date First Produced 10/6/2004 Choke Size 12/64 28a. Production- Date First Produced	re, Treatment pth Interval (plugged) (plugged) (ugged) Interval A Test Date 10/18/2004 Tbg. Press. Fiwg. 2100 -Interval B Test Date	Hour Teste 24 Csg Press Hour Teste	Squeeze, Etc. Acidized w/ 2' tons CO2 Acidized w/ 3 Acidized 4000 0 S Test Product S Test Rate S Test Product C C	500 gals 7 1/2 gals 20% HCL ion BBL 183.3 Oil BBL 183.3 Oil BBL	8222' 2" NEFE ac 2% HCL w/ 39 970 Gas MCF 39 970 Gas MCF 39 970	id w/ N2 700 gals 8BL 0 Water 8BL 0 Water 8BL 0	Perforated Inter 10186'-102 10094'-101 8382'-839 8074'-815 ount and Type of Frac'd w/ 40,9 methanol Oil Gravity Corr. API Gas: Oil Ratio 528/1 Oil Gravity Corr. API	Val 22' 26' 8' 8' of Material 80# 20/4 Gas Gravity flowing Gas Gravity	.43" .43" .43" .48" 0 Interp 0 Interp Flow tus AC	72 128 64 467 prop w/4838 uction Method ing CEPTEL	SCF N2	plugged plugged producing 2, 90 R RECOF
25 . Producing Ir F A) Wolfcamp B) C) D) 27. Acid, Fractur De 10186'-10222' 10094'-10126' 8382'-8398' (pi 28. Production - Date First Produced 10/6/2004 Choke Size 12/64 28a. Production- Date First	re, Treatment pth Interval (plugged) (plugged) (lugged) Interval A Test Date 10/18/2004 Tbg. Press. Fiwg. 2100 -Interval B Test	Hour Teste 24 Csg Press Hour	Squeeze, Etc. Acidized w/ 2 tons CO2 Acidized w/ 3 Acidized 4000 g s Test Product S Test Product S Test Product S Test Acidized 4000 g	500 gals 7 1/2 gals 20% HCL ion BBL 183.3 Oil BBL 183.3 Oil BBL 0il Oil	8222' 2" NEFE ac 2% HCL w/ 39 970 Gas MCF 39 970 Gas MCF	id w/ N2 700 gals Water BBL 0 Water BBL 0 Water	Perforated Inter 10186'-102 10094'-101 8382'-839 8074'-815 ount and Type of Frac'd w/ 40,9 methanol Oil Gravity Corr. API Gas: Oil Ratio 528/1 Oil Gravity	Val 22' 26' 8' 8' of Material 80# 20/4 Gas Gravity Well Sta flowing Gas	.43" .43" .43" .48" 0 Interp 0 Interp Flow flow AC	72 128 64 467 prop w/4838 uction Method ing CEPTEL	SCF NZ	plugged plugged producing 2, 90 2, 9

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8.0

Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method
Produced	Date	Tested	Production	BBL	MCF	BBL	Corr. API	Gravity	
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas: Oil	Well Statu	is
Size	Flwg. Sl	Press.	Rate	BBL	MCF	BBL	Ratio		
8c. Production	- Interval D		<u> </u>			<u> </u>			
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method
Produced	Date	Tested	Production	BBL	MCF	BBL	Corr. API	Gravity	
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas: Oil	Well Statu	is
Size	Flwg. Sl	Press.	Rate	BBL	MCF	BBL	Ratio		

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

Formation	Тор	Bottom	Description, Contents, etc.	Name	Тор	
	Тор	Bottom	Description, Contents, etc.		Meas Depth	
				Queen	828'	
				Grayburg	1124'	
				San Andres	1682'	
				Bone Spring Lime	2724'	
		1		1st Bone Spring	5352	
)		3rd Bone Spring	7364'	
	{			Wolfcamp	7764	
				Cisco-Canyon	8348'	
]		Strawn	9024	
		}		Atoka	9592	
	1		[·	Morrow	9886'	
				Morrow Clastics	10034'	
		1	1	Lower Morrow	10162'	

32. Additional remarks (include plugging procedure):

33.Circle enclosed	attachments:
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Electrical/Mechanical Logs (1 full set req'd.)
 Sundry Notice for plugging and cement verification

2. Geologic Report 6. Core Analysis 3. DST Report 4. Directional Survey 7. Other:

31. Formation (Log) Markers

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name(please print)	Karen J. Leishman	Title	Engineering Tech	
Signature	Koven & Lashmen.	Date	10/20/2004	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, incritious or traudulent statements or representations as to any matter within its jurisdiction.

512-5062

YATES DRILLING WELL/LEASE: PARROT FED COM #2 EDDY, NM

		STATE OF NEW ME DEVIATION REPO		
186	1/2	5,873	3/4	
401	1 1/4	6,124	1	
647	1 1/2	6,378	3/4	
894	1 1/2	6,631	2 1/4	
1,116	1 1/2	6,758	1 1/2	
1,401	1 1/2	6,885	1 1/2	
1,655	3/4	7,012	1 1/2	
1,908	3/4	7,139	2 1/4	
2,163	3/4	7,266	3	
2,416	1/2	7,329	2 3/4	
3,050	1	7,392	2 1/4	
3,273	1	7,518	2 3/4	
3,525	1	7,652	2 3/4	
3,775	1 1/4	7,778	2 1/4	
4,033	2 1/4	7,906	2 1/2	
4,128	2 1/4	8,033	2 1/4	
4,223	2 3/4	8,162	2 1/2	
4,325	2 1/4	8,254	2 3/4	
4,413	2 3/4	8,388	3 1/4	
4,509	2 3/4	8,513	1	
4,603	2 3/4	8,640	1 1/2	
4,699	2 1/2	8,766	1	
4,795	2 1/2	8,891	1 1/2	
4,891	1 3/4	9,145	1 1/2	
4,986	1 3/4	9,385	1 3/4	
5,113	2	9,642	1 1/2	
5,240	1 3/4	9,903	1 1/2	
5,365	1 3/4	10,188	3/4	
5,492	1 3/4	10,430	1	
5,619	2	10,688	1	
5,746	1 1/2			

- Save Men By/

STATE OF TEXAS COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 14th day of July, 2004, by Steve Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

Notary Public for Midland County, Texas

My Commission Expires: 8/23/2007



J ROBERTSON Notary Public, State of Texas My Commission Expires: August 23, 2007

OPERATOR:

COUNTY:

RECEIVED

2004 OCT 22 AM 9 -

BUREAU OF LALES MUMT. ROSWELL OPPICE



BULLDOG TESTERS

Jal, New Mexico (505) 390-3070

Operator:Yates Drilling Co.Well Name:Parrot Federal Com #2Dst Number:1Date of Test:06/24/2004Date of Report:06/25/2004

WELL TEST REPORT

BULLDOG TESTERS

WELL TEST REPORT

Phone: (432) 756-5551 Cell: (505) 390-3070

••••

Technical Services (928) 505-8389

		······································	
Service Order Number:	9017	Bulldog Technician:	Mark Luna
Test Number:	1	State:	New Mexico
Location:	S-29 T-19S R-27E	County:	Eddy
Well Name & Number:	Parrot Federal Com # 2	Field:	Wildcat Chester
Well Owner:	Yates Drilling Co.	Test Interval:	8078'- 8127'

TEST SEQUENCE

.

TOOL SEQUENCE

Description	Date	Time	Pressure	Mcf/D	Component	OD (in)	ID (in)	Length (ft)	Depth (ft)
Set Packers	06/24/04	06:18			Drillpipe	4.50	3.826	7327.30	
Start flow on 1/8" choke		06:19	1"		Drillcollars	6.25	2.25	612.79	
		06:24	6.0"		Circulating Sub	6.00	2.25	1.00	
End flow - Start shul-in		06:34	12"		Drillcollars	6.25	2.25	93.00	
End shut-in		07:04	0.0		X-Over	6.00	2.25	1.00	
Start flow on 1/8" choke		07:04	4.5°		Recorder	5.00	1.12	3.00	8035
		07:08	12*		Shut-in/Sampler	5.00	0.68	9.20	8038
		07:14	17.5 oz		Hydraulic Tool	5.00	1.18	5.21	
Open to 1/4" choke		07:24	4.0 psi		Recorder	5.00	1.12	5.6 9	8052
		07:34	20.0	1	Jars	5.00	1.87	7.68	
		07:39	30.0		Packer	8.00	1.50	6.22	8072
Gas to surface		07:44	36.0	67.6	Packer	8.00	1.50	6.22	8078
•		07:54	52.0	91.1	Perfs	5.00	3.00	(
Open to 3/8" choke		08:09	70.0	253.0	X-Over	6.00	2.25)	
<u></u>	T	08:24	60.0	219.0	Drillcollars	6.25	2.25	(
		08:44	66.0	239.0	X-Over	6.00	2.25)	
		09:04	74.0	266.0	Perfs	5.00	3.00	(
		09:24	74.0	266.0	Recorder	5.00	1.12	49	8127 (TD
		09:44	75.0	270.0				T	
		10:04	76.0	273.0					
End flow - Start shut-in	1	10:34	76.0	273.0			1		
Encishut-in		17:34	0.0	[1	1	T
Pulled tcol	1	17:35	1				1	1	1



BULLDOG TESTERS

WELL TEST REPORT

Phone: (432) 756-5551 Cell: (505) 390-3070

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Technical Services (928) 505-8389

Well Owner:	Yates Drilling Co.	Test Interval:	8078'- 8127'
Well Name & Number:	Parrot Federal Com #2	Field:	Wildcat Chester
Location:	S-29 T-19S R-27E	County:	Eddy
Test Number:	1	State:	New Mexico
Service Order Number:	9017	Bulldog Technician:	Mark Luna

WELL DATA **INSTRUMENT DATA** 10.2 Mud Wt.: Instrument Number: Spartek 76134 Spartek 71067 Mechanical Mud Type: Gel Viscosity: Water Loss: 10000 10000 6450 Capacity (psig) 8122 8052 8035 0.058 @ 70 deg f Depth (ft) Resistivity of Mud: Inside / Outside Inside Inside / Above Outside Resistivity of Filtrate: Clock Capacity: Elec Elec Chlorides: 145,000 None Temperature (f) 139.8 H2S During Test: 4334 Wolfcamp Formation: Initial Hydrostatic: Pre-Flow: 1010 - 1121 No Tested Interval: 8078'- 8127' Initial Shut-in: 4106 Leaks 3408 GL Elevation: 2nd Flow: Total Measured Depth: 8127 2nd Shut-in: **Open Hole Size:** 8 3/4* 1187 - 1277 Final Flow: No Casing Size: 95/8 Final Shut-in: 4212 Leaks Cushion: None 5/8* Final Hydrostatic: 4330 Bottom Choke Size:

PIPE RECOVERY

Ran 986' water cushion = 7.45 bbl. 1707' Total fluid = 17.67 bbl., consisting of: 719' Oil = 10.22 bbl. (gravity: 46.0 deg API @ 60 deg f) 988' Water cushion = 7.45 bbl. (nv: 17.74 @ 70 deg f/300 ppm Cl.)

		SAMPLE	R REPORT	
Total Volume of Sample:	1500	сс		
Pressure in Sampler:	1276	Psi		
Gas:	4.44	Cu.Ft.		
Oil:	700	CC	Gravity:	46.0 deg API @ 60 deg f
Water:	0	CC	Resistivity:	
Mud:	0	CC	Resistivity:	



Yates Drilling Co. Parrot Federal Com #2, Dst #1

Comments relative to analysis of the drill stem test that was run in the Wolfcamp formation by Bulldog Testers.

This analysis is based upon the liquid recovery and equations applicable to liquid recovery tests; radial flow analysis and derivative analysis techniques. It has been assumed, for purposes of this analysis that the tested reservoir system consisted of a single porosity zone 45 feet in thickness with an average porosity of 15 percent. The diagnostic plot indicates constantly decreasing derivative pressures. This type of flow regime is generally associated with either the presence of a constant pressure boundary and/or that the tested reservoir system was only partially penetrated. Therefore, a vertical oil-well model with spherical flow characteristics was used for type-curve matching and non-linear regression analysis.

The semi-log plots indicate a maximum initial reservoir pressure of 4251 psi and a maximum final reservoir pressure of 4247 psi, which is equivalent to a subsurface pressure gradient of 0.527 psi/ft at gauge depth. This pressure gradient is somewhat high compared to "normal" reservoir pressures which are generally 0.36 psi/ft to 0.41 psi/ft.

The Average Production Rate which was used in this analysis has been calculated from analysis of the flow pressure curves using a liquid gradient for the recovered oil of 0.345 psi/ft.

The calculated Skin Factors indicate significant well-bore damage was present at the time of this formation test.

The evaluation criteria used in the drill stem test analysis system indicate this is a good mechanical test and the results obtained in this analysis should be reliable within reasonable limits relative to the assumptions which have been made.

Michael Hudson Analyst (928) 505-8389



Vertical Oil Well Model

Yates Drilling Co Parrot Federal Com 2, Dst 1 Gauge 76134

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Model Parameters

Cil Permeability (k _o)	0.308 md	Total Mobility (k/µ)t	2.11 md/cp
Gas Permeability (kg)	0.026 md	Total Transmissivity (kh/µ) _t	95.13 md.ft/cp
	· .	Skin (s)	4.635

Formation Parameters

Net Pay (h)	45.000 ft
Total Porosity (15.00 %
Oil Saturation (So)	80.00 %
Gas Saturation (S _g)	0.00%
Water Saturation (Sw)	20.00%
Wellbore Radius (r _w)	0.36 ft
Formation Temperature (T)	139.8 °F
Formation Compressibility (cf)	4.10 9e- 6 psi ⁻¹
Total Compressibility (ct)	1.999e-5 psi ⁻¹
Wellbore Storage Constant Dim. (CD)	3.86

Fluid Properties

Oil Compressibility (co)	1.91576e-5 psi ⁻¹
Gas Compressibility (cg)	1.52775 e-4 psi ⁻¹
Water Compressibility (cw)	2.79207e-6 psi ⁻¹
Oil Formation Volume Factor (B ₀)	1.761
Gas Formation Volume Factor (Bg)	0.000645 bbl/scf
Water Formation Volume Factor (Bw)	1.003
Oil Viscosity (µ ₀)	0.294 cp
Gas Viscosity (µg)	0.0242 cp
Water Viscosity (µw)	0.466 cp
Solution Gas Ratio (R _s)	1472 scf/bbl
Oil Gravity (y _o)	46.00 ° API
Gas Gravity (G)	0.650
PVT Reference Pressure (ppvt)	4251.06 psi
Bubble Point Pressure (P _{bp})	4251.06 psi
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Production and Pressure

Q _t Bt	228.196 bbi/d
Final Oil Rate	64.230 bbl/d
Final Gas Rate	0.273 MMCF/D
Final Flowing Pressure (P _{WfO})	1278.93 psi
Final Measured Pressure	4211.81 psi
Cumulative Oil Production During Test	10.064 bbl

Synthesis Results

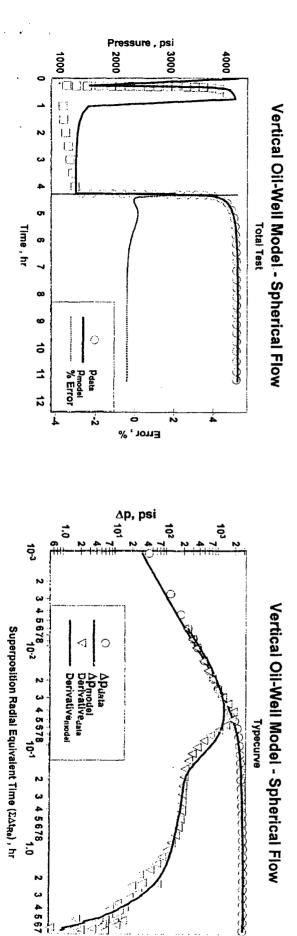
Average Error	0.22%
Synthetic Initial Pressure (pi)	4228.10 psi
Extrapolated Pressure at Specified Time	4228.10 psi
Pressure Drop Due To Skin (Δp_s)	1570.04 psi
Flow Efficiency (FE)	0.468
Damage Ratio (DR)	2.138

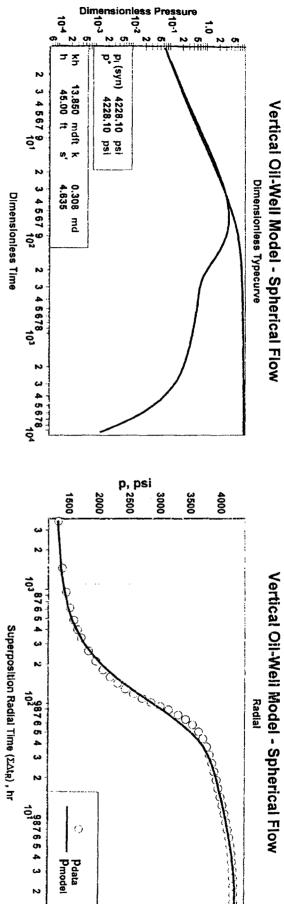
Forecasts

Forecast Flowing Pressure (Pflow)	1278.93 psi
3 - Month Constant Rate Forecast @ Curr. Skin	64.189 bbl/d
6 - Month Constant Rate Forecast @ Curr. Skin	64.189 bbl/d
Forecast Flow Duration (tflow)	12.00 month
Constant Rate Forecast @ Curr. Skin	64.189 bbl/d
PI / II (Total Liquids - Actual)	0.022 bbl/d/psi
Constant Rate Forecast @ Skin=0	137.166 bbl/d
PI / II (Total Liquids - Ideal)	0.047 bbl/d/psi
Constant Rate Forecast @ Skin=-4	1621.367 bbl/d
	125

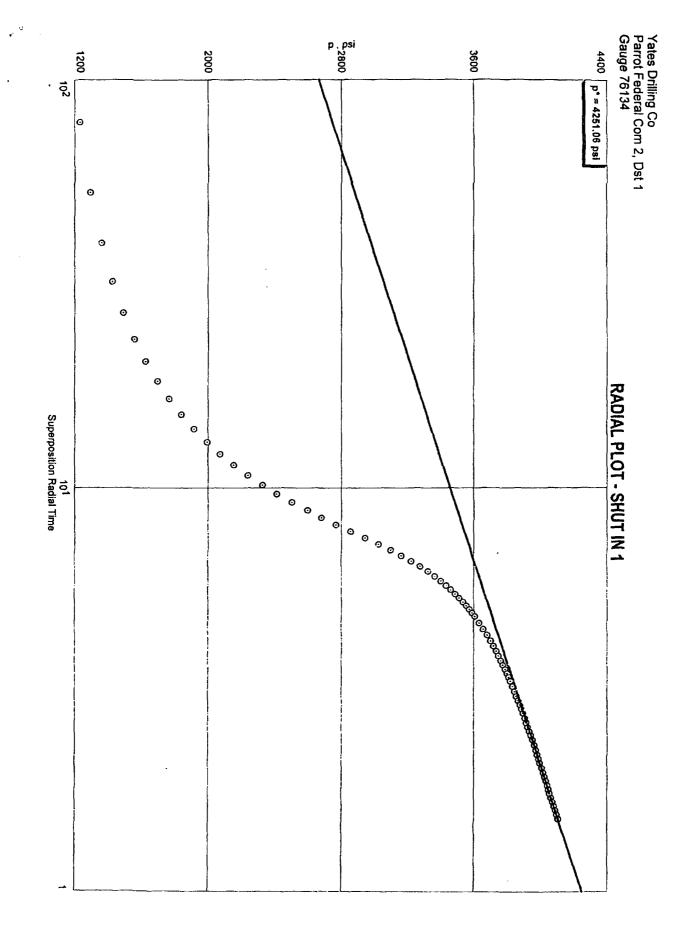
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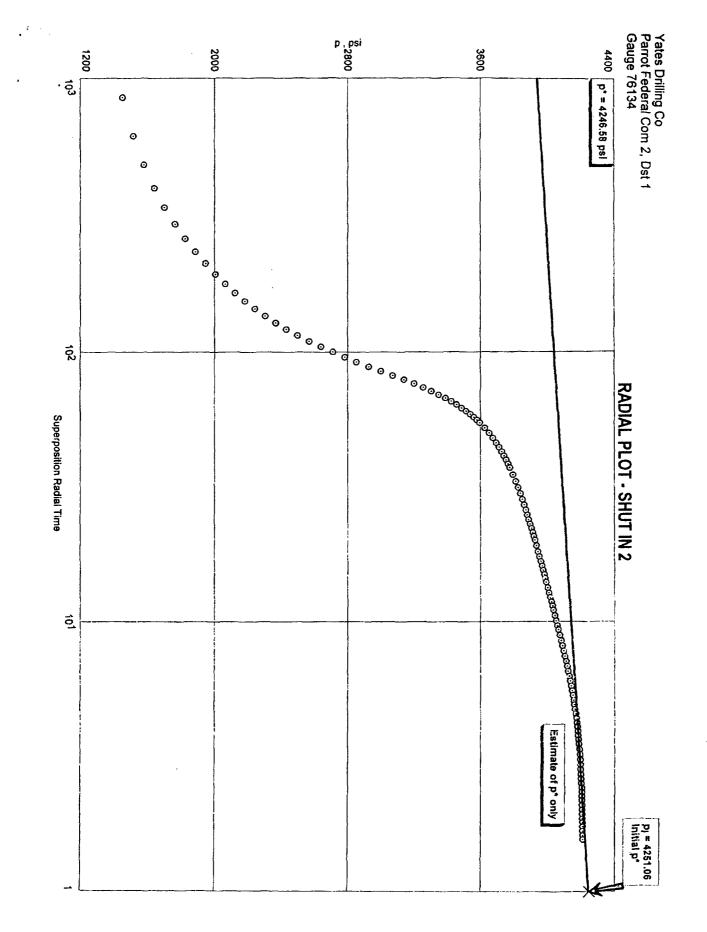


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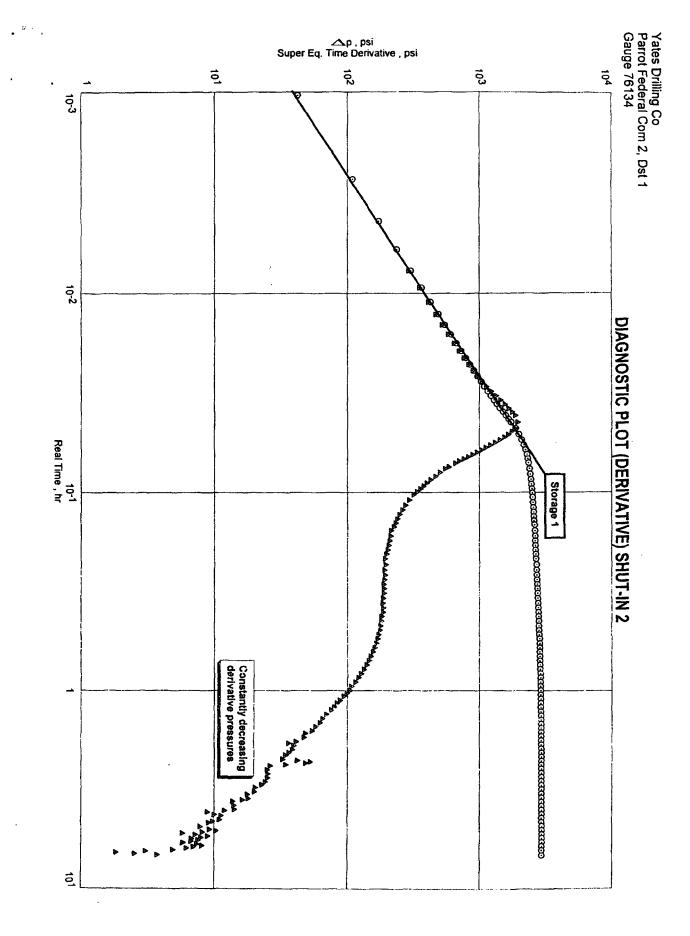
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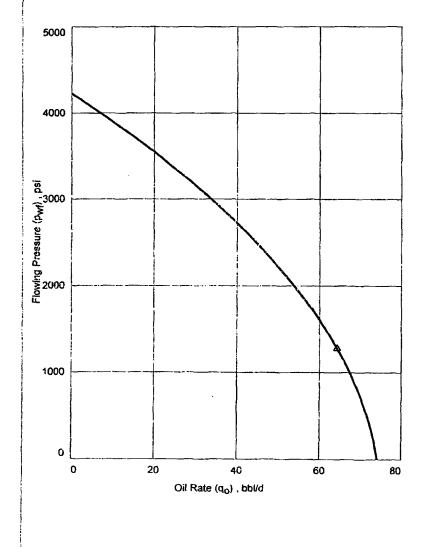
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Inflow Performance Relationship (I.P.R.)

Yates Drilling Co Parrot Federal Com 2, Dst 1

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Test Data			Results
Reservoir Pressure (pR)	4228.00	psi	
Bubble Point Pressure (pbp)	4251.00	psi	Maximum Oil Rate
Test Pressure (p _{wf})	1278.93	psi	Maximum Water Rate
Oil Test Rate (q ₀)	64.230	bbl/d	Maximum Total Rate
Water Test Rate (qw)		bbl/d	



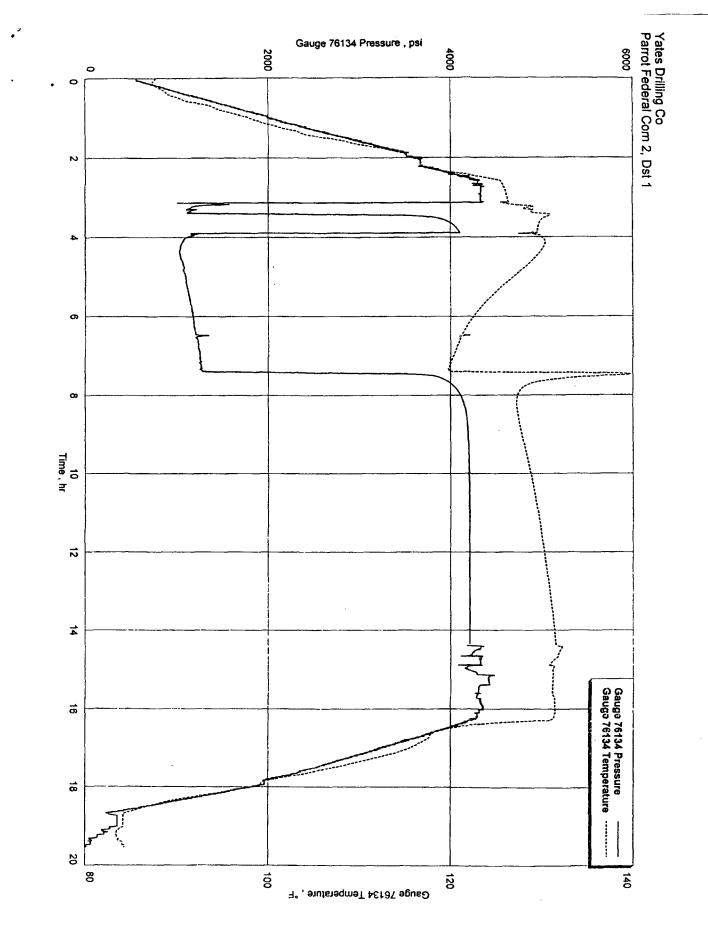
Flowing	Oil	Water	Total
Pressure	Rate	Rate	Rate
psi	bbl/d	bbi/d	bbl/d
•		DDVG	00#G
0.00	74.143		
300.00	72.792		
600.00	70.844		
900.00	68.299		
1200.00	65.156		
1278.93*	64.230		
1500.00	61.416		
1800.00	57.079		
2100.00	52.145		
2400.00	46.613		
2700.00	4C. 48 4		
3000.00	33.758		
3300.00	26.435		
3600.00	18.514		
3900.00	9.996		
4200.00	0.881		
4228.00	0.000		
Note : * T			
	Bubble Point		
		n Vogel's Equa	ation.
(Qı	adratic Curve	e Factor=0.2)	

Gauge 76134

74.143 bbl/d bbl/d bbl/d

Fast

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Yates Drilling Co. Parrot Federal Com #2

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DISTRIBUTION OF FINAL REPORTS

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Toby Rhodes [2 + Disk] Yates Drilling Co. 105 S. 4th St. Artesia NM 88210

Form 3160-5 UNITED S (September 2001) DEPARTMENT OF BUREAU OF LAND SUNDRY NOTICES AND Do not use this form for prop abandoned well. Use Form 3160	1301 W G REPORTS ON WE osals to drift of Section	AN OULIO	he	OMB N Expires Ja 5. Lease Serial No. LC-049945-B 6. If Indian, Allottee or	
SUBMIT IN TRIPLICATE - Othe	r instructions of	n reverse side RECE	IVED	7. If Unit or CA/Agreen	ient, Name and/or No.
Oil Well X Gas Well	Other	OCT 2		8. Well Name and No.	<u>منظ مختمد مین شور پر پر مورو</u>
2. Name of Operator Yates Drilling Company		ebe:	ATESIA	Parrot Fee	deral Com #2
3a. Address	3b. Phone N	lo. <i>(include area</i> code,)		5-33345
105 S. 4th Str., Artesia, NM 88210		505-748-8463		10. Field and Pool, or I	
4. Location of Well (Footage, Sec., T., R., M., OR Survey Description	tion)				at Chester
	L Castien 20 105	275		11. County or Parish, S	State
1600' FSL and 660' FE 12. CHECK APPROPRIATE BOX(E			OTICE REP		
TYPE OF SUBMISSION			F ACTION		
		Deepen		Start/Resume)	Water Shut-Off
Aher C		Fracture Treat	Reclamation		Well Integrity
X Subsequent Report	·	New Construction	Recomplete		
		Plug and Abandon Plug Back	Water Dispo		Perf
following completion of the involved operations. If the operation result testing has been completed. Final Abandonment Notices shall be fill determined that the site is ready for final inspection.) 9/21/2004 RIH and dumped 10' cement on top 8360'. Tested casing to 1500 psi, he 9/24/2004 Perforated 8074'-8158', 467 shots, 4	led only after all requirement of existing plug at 897 eld good. RIH and du	s, including reclamation, h '5'. Total cement of mped 35' cement of	ave been completed n top of plug 35	, and the operator has '. RIH with CIBP an	d set at
· ·	AC	CEPTED FOR OCT 2 5	RECORD		7
		ALEXIS C. SWO PETROLEUM EN		ROSMELOS	RECE
 I hereby certify that the foregoing is true and correct Name (Printed/Typed) 					6 H
Karen J. Leishma	an	Title Engine	ering Techni		<u> </u>
signature Korun & Leshma		Date 20-Oct	-04		ມ
THIS	SPACE FOR FEDER	AL OR STATE OF	FICE USE		
Approved by		Title		Date	
Conditions of approval, if any, are attached. Approval of this no certity that the applicant holds legal or equitable title to those which would entitle the applicant to conduct operations thereon.	rights in the subject leas	e Office			
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, n	nake it a crime for any pe	rson knowingly and wil	ioully to make to a	any department or agen	cy of the United

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•										oug	ing for	r you	- file
• Form 3160-4					NITED STAT		_				FOI	RM APPR	OVED
(September 200	1)				ENT OF TH							B NO. 100	
BUREAU OF LAND MANAGEMENT WELL COMPLETION OR RECOMPLETION REPORT AND LOG									5.	Expire: Lease Serial N	s: January Io,	31, 2004	
1a. Type of Well			X Gas V			Other				······		-0499	45-B
b. Type of Comple		New Well	Work		Deepen	Plug Bac	к [Diff. Res	wr.,	6.	If Indian, Allott	ee or Tribe	e Name
	Othe			L.				1					
2. Name of Ope										7.	Unit or CA Ag	reement N	lame and No.
	ng Compar	ıy	<u> </u>	1-	a. Phone No.	linelude are	n anda)		· · · · ·				
3. Address 105 S 4th	Str., Artesia	a NM 8	38210	3	505-748-8		a coue j			8.	Lease Name a		NO. Il Com #2
4. Location of W				accordan			ents)*			9.	API Well No.		
												-015-3	
At Surface			1600'	FSL &	660' FEL			RECE	IVEC	1.019	. Field and Po		ratory 1, 1, 1C
								472	9 2004	nat	Sec. T.R.W	GORI	
At top prod. Ir	nterval reported	l below						UCIZ	2 /m4		Survey or Are		
				It th				OCUSA	HTES	`		9-19S-	
At total depth	I.		1	m -						12	County or Pari Eddy	sn 13, St	ate NM
44 8 4 5			45.0					404	E 10004				
14. Date Spudd	led /29/2004		15. Date	T.D.Read 7/12/20		16. Date Co	mpleted	10/	'5/2004 to Brod	17	. Elevations (I		
			L		I			,				3413' (GL
18. Total Depth		10'677'		19. 1	Plug Back T.D.		8325'	20. Depth Bridg	ge Plug S			0*	
	TVD				т	TVD				<u>'T</u>	VD		
21. Type Electric &	& Other Mechanic	cal Logs Ru	n (Submit c	opy of eac	h)	22 Was W	ell corec	1? 🗶 No	□ Ye	s (Subr	nit analysis)		
					-	Was D	ST run?	□ No	X Ye	s (Subr	nit report)		
CS	NG/DSN/SD	L, DLUM	GRD, SS	SS/RSC	'	Direction	nal Survey	7 X No	Ye	s (Subr	nit copy)		
23. Casing and	Liner Record (Report all	strings se	t in well)	4								<u> </u>
	T			Ī			Cement			Slurry Vo			1
Hole Size	Size/Grade	Wt.(#/fi	<u> </u>	(MD)	Bottm(MD)		Depth	Type of Ce		(BBL)		ent Top*	Amount Pulled
<u> </u>	13 3/8" 9 5/8"	54.5 36#		surf Surf	430'			475 "(<u>183</u> 521		circ circ	none none
8 3/4"	7"	26 & 2		surf	8205'			800 "0		581		circ	none
6 1/8"	4 1/2"	11.6#	¥ 79	983'	10677'	-		275 *0	C"	73	7	983'	none
24. Tubles Dec	<u> </u>												ļ
24. Tubing Rec Size	Depth Se	t (MD)	Packer	Depth (M	D) Size	Denth S	Set (MD)	Packer Depth	(MD)	Size [Depth Set (M		cker Depth (MD)
2 3/8"	7920'		7920	separ (m		Dopart		i deker beput			pepar ber (m		exer Depar (MD)
25 . Producing	· · · · · · · · · · · · · · · · · · ·		1				· · ·	26. Perforation	Record			I	
			· ·	Гор		Bottom				Size	No. Holes		Perf. Status
	Formation							Perforated Inter	rval	0120			بر میں اور میں
A) Wolfcamp	Formation			074'	_	8222		10186'-102	22'	.43"	72		plugged
A) Wolfcamp	Formation			074'		8222*		10186'-102 10094'-101	22" 26"	.43" .43"	128		plugged
A) Wolfcamp B) C)	Formation			074'		8222		10186'-102 10094'-101 8382'-839	22" 26" 8"	.43" .43" .43"	128 64		plugged plugged
A) Wolfcamp B) C) D)		Cement S	8			8222*		10186'-102 10094'-101	22" 26" 8"	.43" .43"	128		plugged
A) Wolfcamp B) C) D) 27. Acid, Fractu		, Cement S	8			8222*	Am	10186'-102 10094'-101 8382'-839 8074'-815	22' 26' 8' 8'	.43" .43" .43" .43"	128 64		plugged plugged
A) Wolfcamp B) C) D) 27. Acid, Fractu	ure, Treatment, epth interval	, Cement S	8 Squeeze, t	Etc.	0 gals 7 1/2"			10186'-102 10094'-101 8382'-839	22' 26' 8' 8'	.43" .43" .43" .48"	128 64 467	SCF N2	plugged plugged producing
A) Wolfcamp B) C) D) 27. Acid, Fractu Do 10186'-10222	ure, Treatment, epth Interval '' (plugged)	, Cement S	Squeeze, I Acidized tons CC	Etc. 1 w/ 200 02		NEFE acid	d w/ N2	10186'-102 10094'-101 8382'-839 8074'-815 rount and Type o Frac'd w/ 40,9	22' 26' 8' 8'	.43" .43" .43" .48"	128 64 467	SCF N2	plugged plugged producing
A) Wolfcamp B) C) D) 27. Acid, Fractu Do 10186'-10222 10094'-10126	ure, Treatment, epth Interval f' (plugged) f' (plugged)	, Cement S	Squeeze, I Acidized Acidized	Etc. 1 w/ 200 02 1 w/ 350	0 gals 7 1/2%	NEFE acid	d w/ N2	10186'-102 10094'-101 8382'-839 8074'-815 rount and Type o Frac'd w/ 40,9	22' 26' 8' 8'	.43" .43" .43" .48"	128 64 467	SCF N2	plugged plugged producing
A) Wolfcamp B) C) D) 27. Acid, Fractu Du 10186'-10222 10094'-10126 8382'-8398' (p	ure, Treatment, epth Interval f' (plugged) f' (plugged) plugged)	, Cement S	Squeeze, I Acidized Acidized	Etc. 1 w/ 200 02 1 w/ 350		NEFE acid	d w/ N2	10186'-102 10094'-101 8382'-839 8074'-815 rount and Type o Frac'd w/ 40,9	22' 26' 8' 8'	.43" .43" .43" .48"	128 64 467	SCF N2	plugged plugged producing
A) Wolfcamp B) C) D) 27. Acid, Fractu Do 10186'-10222 10094'-10126	ure, Treatment, epth Interval f' (plugged) f' (plugged) plugged)	, Cement S	Squeeze, I Acidized tons CC Acidized Acidized	Etc. 1 w/ 200 02 1 w/ 350	0 gals 7 1/2%	NEFE acid	d w/ N2	10186'-102 10094'-101 8382'-839 8074'-815 rount and Type o Frac'd w/ 40,9	22' 26' 8' 8'	.43" .43" .43" .48" 0 Interpr	128 64 467		plugged plugged producing
A) Wolfcamp B) C) D) 27. Acid, Fractu Do 10186'-10222 10094'-10126 8382'-8398' (p 28. Production Date First Produced	ure, Treatment, epth interval f' (plugged) f' (plugged) - interval A Test Date	Hours	Squeeze, f Acidizec tons CC Acidized	Etc. 1 w/ 2000 22 1 w/ 350 4000 gat Test roduction	0 gals 7 1/29 s 20% HCL Oil BBL	NEFE acid 6 HCL w/ 7 Gas MCF	d w/ N2 700 gals Water BBL	10186'-102 10094'-101 8382'-839 8074'-815 rount and Type o Frac'd w/ 40,9	22' 26' 8' 8' 8' 9' 9' 9' 9' 9' 9' 9' 9' 9' 9' 9' 9' 9'	.43" .43" .43" .48" 0 Interpr	128 64 467 op w/4838		plugged plugged producing
A) Wolfcamp B) C) D) 27. Acid, Fractu D0 10186'-10222 10094'-10126 8382'-8398' (p 28. Production Date First Produced 10/6/2004 <	ure, Treatment, epth Interval " (plugged) " (plugged) - Interval A Test Date 10/18/2004	Hours Teste 24	Squeeze, f Acidizec tons CC Acidized s d Pr	Etc. 1 w/ 200 22 1 w/ 350 4000 gat Test roduction C	0 gals 7 1/29 s 20% HCL Oil BBL 183.35	NEFE acid 6 HCL w/ 7 Gas MCF 9 970	00 gals Water BBL 0	10186'-102 10094'-101 8382'-839 8074'-815 ount and Type o Frac'd w/ 40,9 methanol Oil Gravity Corr. API	22' 26' 8' 8' of Materia 80# 20/4 Gas Gravit	.43" .43" .43" .48" 0 Interpr Produc / Flowin	128 64 467 op w/4838		plugged plugged producing
A) Wolfcamp B) C) D) 27. Acid, Fractu Do 10186'-10222 10094'-10126 8382'-8398' (p 28. Production Date First Produced 10/6/2004 < Choke	ure, Treatment, epth interval ' (plugged) ' (plugged) - Interval A Test Date 10/18/2004 Tbg. Press.	Hours Teste 24 Csg.	Squeeze, f Acidizee tons CC Acidized Acidized	Etc. 1 w/ 200 22 1 w/ 350 4000 gat Test roduction C	0 gals 7 1/29 s 20% HCL Oil BBL 183.39 Oil	NEFE acid 6 HCL w/ 7 Gas MCF 9 970 Gas	00 gais Water BBL 0 Water	10186'-102 10094'-101 8382'-839 8074'-815 ount and Type o Frac'd w/ 40,9 methanol Oil Gravity Corr. API Gas: Oil	22' 26' 8' 8' 6 Materia 80# 20/4 Gas	.43" .43" .43" .48" 0 Interpr Produc / Flowin	128 64 467 op w/4838		plugged plugged producing
A) Wolfcamp B) C) D) 27. Acid, Fractu D0 10186'-10222 10094'-10126 8382'-8398' (p 28. Production Date First Produced 10/6/2004 <	ure, Treatment, epth Interval " (plugged) " (plugged) - Interval A Test Date 10/18/2004	Hours Teste 24	Squeeze, f Acidizee tons CC Acidized Acidized	Etc. 1 w/ 200 22 1 w/ 350 4000 gat Test roduction C	0 gals 7 1/2% s 20% HCL Oil BBL 183.35 Oil BBL	NEFE acid 6 HCL w/ 7 Gas MCF 970 Gas MCF	3 w/ N2 700 gals Water BBL 0 Water BBL	10186'-102 10094'-101 8382'-839 8074'-815 ount and Type o Frac'd w/ 40,9 methanol Oil Gravity Corr. API Gas: Oil Ratio	22' 26' 8' 8' of Materia 80# 20/4 Gas Gravity Well Sta	.43" .43" .43" .48" 0 Interpr Produc / Flowin	128 64 467 op w/4838		plugged plugged producing
A) Wolfcamp B) C) D) 27. Acid, Fractu D0 10186'-10222 10094'-10126 8382'-8398' (p 28. Production Date First Produced 10/6/2004 < Choke Size	are, Treatment, epth interval ' (plugged) - interval A Test Date 10/18/2004 Tbg. Press. Flwg. 2100	Hours Teste 24 Csg.	Squeeze, f Acidizee tons CC Acidized Acidized	Etc. 1 w/ 2000 2 1 w/ 3500 4000 gat Test roduction 24 Hr. Rate	0 gals 7 1/29 s 20% HCL Oil BBL 183.39 Oil	NEFE acid 6 HCL w/ 7 Gas MCF 9 970 Gas MCF	00 gais Water BBL 0 Water	10186'-102 10094'-101 8382'-839 8074'-815 ount and Type o Frac'd w/ 40,9 methanol Oil Gravity Corr. API Gas: Oil	22' 26' 8' 8' of Materia 80# 20/4 Gas Gravit	.43" .43" .43" .48" 0 Interpr Produc / Flowin	128 64 467 op w/4838		plugged plugged producing
A) Wolfcamp B) C) D) 27. Acid, Fractu D0186'-10222 10094'-10126 8382'-8398' (p 28. Production Date First Produced 10/6/2004 < Choke Size 12/64 28a. Production Date First	are, Treatment, epth interval ' (plugged) - interval A Test Date 10/18/2004 Tbg. Press. Flwg. 2100	Hours Teste 24 Csg. Press Hours	Squeeze, f Acidizec tons CC Acidized s d Pr	Etc. 1 w/ 2000 2 1 w/ 3500 4000 gat Test roduction 24 Hr. Rate	0 gals 7 1/2% s 20% HCL Oil BBL 183.35 Oil BBL	NEFE acid 6 HCL w/ 7 Gas MCF 970 Gas MCF	3 w/ N2 700 gals Water BBL 0 Water BBL	10186'-102 10094'-101 8382'-839 8074'-815 ount and Type o Frac'd w/ 40,9 methanol Oil Gravity Corr. API Gas: Oil Ratio	22' 26' 8' 8' of Materia 80# 20/4 Gas Gravity Well Sta	.43" .43" .43" .48" 0 Interpr 0 Interpr Produc / Flowin ttus	128 64 467 op w/4838		plugged plugged producing
A) Wolfcamp B) C) D) 27. Acid, Fractu Do 10186'-10222 10094'-10126 8382'-8398' (p 28. Production Date First Produced 10/6/2004 « Choke Size 12/64 28a. Production	are, Treatment, epth interval ' (plugged) - interval A Test Date 10/18/2004 Tbg. Press. Flwg. 2100 n-Interval B	Hours Teste 24 Csg. Press	Squeeze, f Acidizec tons CC Acidized s d Pr	Etc. 1 w/ 2000 22 1 w/ 3500 4000 gat Test roduction 24 Hr. Rate Test Total Test roduction	0 gals 7 1/29 s 20% HCL Oil BBL 183.39 Oil BBL 183.39 Oil	A HCL w/ 7 Gas MCF 970 Gas MCF 970	Vater BBL 0 Water BBL 0	10186'-102 10094'-101 8382'-839 8074'-815 ount and Type o Frac'd w/ 40,9 methanol Oil Gravity Corr. API Gas: Oil Ratio 528/1	22' 26' 8' 8' of Materia 80# 20/4 Gas Gravity Well Sta flowing	.43" .43" .43" .48" 0 Interpr 0 Interpr Produc / Flowin ttus	128 64 467 op w/4838		plugged plugged producing
A) Wolfcamp B) C) D) 27. Acid, Fractu Do 10186'-10222 10094'-10126 8382'-8398' (p 28. Production Date First Produced 10/6/2004 < Choke Size 12/64 28a. Productior Date First Produced	are, Treatment, epth interval ' (plugged) - interval A Test Date 10/18/2004 Tbg. Press. Flwg. 2100 n-Interval B Test Date	Hours Teste 24 Csg. Press Hours Teste	Squeeze, f Acidizec tons CC Acidized s d Pr s d Pr	Etc. 1 w/ 2000 2 1 w/ 3500 4000 gat Test roduction 24 Hr. Rate Test roduction	0 gals 7 1/29 s 20% HCL 0il BBL 183.35 0il BBL 183.35 0il BBL	NEFE acid 6 HCL w/ 7 Gas MCF 9 970 Gas MCF 9 970 Gas MCF	d w/ N2 700 gals Water BBL 0 Water BBL 0 Water BBL	10186'-102 10094'-101 8382'-839 8074'-815 ount and Type o Frac'd w/ 40,9 methanol Oil Gravity Corr. API Gas: Oil Ratio 528/1 Oil Gravity Corr. API	22' 26' 8' 6 Materia 80# 20/4 Gas Gravity Gas Gravity	.43" .43" .43" .48" 0 Interpr 0 Interpr Produc / Flowin itus	128 64 467 op w/4838		plugged plugged producing
A) Wolfcamp B) C) D) 27. Acid, Fractu D0186'-10222 10094'-10126 8382'-8398' (p 28. Production Date First Produced 10/5/2004 < Choke Size 12/64 28a. Production Date First	are, Treatment, epth Interval ' (plugged) - Interval A Test Date 10/18/2004 Tbg. Press. Flwg. 2100 n-Interval B Test	Hours Teste 24 Csg. Press Hours	Squeeze, f Acidizec tons CC Acidized s d Pr s d Pr	Etc. 1 w/ 2000 22 1 w/ 3500 4000 gat Test roduction 24 Hr. Rate Test Total Test roduction	0 gals 7 1/29 s 20% HCL Oil BBL 183.39 Oil BBL 183.39 Oil	NEFE acid 6 HCL w/ 7 Gas MCF 9 970 Gas MCF 9 970 Gas	3 w/ N2 700 gais 700 gais 88L 0 Water 88L 0 Water	10186'-102 10094'-101 8382'-839 8074'-815 nount and Type of Frac'd w/ 40,9 methanol Oil Gravity Corr. API Gas: Oil Ratio 528/1 Oil Gravity	22' 26' 8' 6 Materia 80# 20/4 Gas Gravit flowing Gas	.43" .43" .43" .48" 0 Interpr 0 Interpr Produc / Flowin itus	128 64 467 op w/4838		plugged plugged producing

28b. Production	- Interval C				_				
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method
Produced	Date	Tested	Production	BBL	MCF	BBL	Corr. API	Gravity	
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas: Oil	Well Statu	ls
Size	Flwg.	Press.	Rate	BBL	MCF	BBL	Ratio		
	si			1					
28c. Production	- Interval D				_				
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method
Produced	Date	Tested	Production	BBL	MCF	BBL	Corr. API	Gravity	
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas: Oil	Well Statu	is
Size	Flwg. Sl	Press.	Rate	BBL	MCF	BBL	Ratio		

31. Formation (Log) Markers

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

F	T	Batter	Description, Contents, etc.	Name	Тор	
Formation	Τορ	Bottom	Description, Contents, etc.		Meas Depth	
				Queen	828'	
				Grayburg	1124'	
		}		San Andres	1682'	
				Bone Spring Lime	2724	
				1st Bone Spring	5352	
		ļ	Į –	3rd Bone Spring	7364'	
				Wolfcamp	7764	
			1	Cisco-Canyon	8348'	
]	Strawn	9024'	
]	Atoka	9592	
	ł			Morrow	9886'	
				Morrow Clastics	10034'	
		1	}	Lower Morrow	10162	

32. Additional remarks (include plugging procedure):

#31:Additional Formation Marke	fS				
Barnett/Austin Cycle	10342				
Chester	10534'				
TD	10725'				
33.Circle enclosed attachments:					
1. Electrical/Mechanical Logs (1	full set req'd.)	2. Geologic Report	3. DST Report	4. Directional Survey	
5. Sundry Notice for plugging and	d cement verification	6. Core Analysis	7. Other:		

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name(please print)	Karen J. Leishman	Title	Engineering Tech
Signature	Karing Lushnen	Date	10/20/2004
Title 18 U.S.C. Section	n 1001 and Title 43 U.S.C. Section 1212, make it a crime for any pe	erson knowingly and willfully to ma	ke to any department or agency of the United
States any talse, tictute	ous or traudulent statements or representations as to any matter will	thin its jurisdiction.	

OPERATOR: YATES DRILLING PARROT FED COM #2 WELL/LEASE: EDDY, NM COUNTY:

•

		STATE OF NEW MI	
186	1/2	5,873	3/4
401	1 1/4	6,124	1
647	1 1/2	6,378	3/4
894	1 1/2	6,631	2 1/4
1,116	1 1/2	6,758	1 1/2
1,401	1 1/2	6,885	1 1/2
1,655	3/4	7,012	1 1/2
1,908	3/4	7,139	2 1/4
2,163	3/4	7,266	3
2,416	1/2	7,329	2 3/4
3,050	1	7,392	2 1/4
3,273	1	7,518	2 3/4
3,525	1	7,652	2 3/4
3,775	1 1/4	7,778	2 1/4
4,033	2 1/4	7,906	2 1/2
4,128	2 1/4	8,033	2 1/4
4,223	2 3/4	8,162	2 1/2
4,325	2 1/4	8,254	2 3/4
4,413	2 3/4	8,388	3 1/4
4,509	2 3/4	8,513	1
4,603	2 3/4	8,640	1 1/2
4,699	2 1/2	8,766	1
4,795	2 1/2	8,891	1 1/2
4,891	1 3/4	9,145	1 1/2
4,986	1 3/4	9,385	1 3/4
5,113	2	9,642	1 1/2
5,240	1 3/4	9,903	1 1/2
5,365	1 3/4	10,188	3/4
5,492	1 3/4	10,430	1
5,619	2	10,688	1
5,746	1 1/2		

L. Mary By/

STATE OF TEXAS COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 14th day of July, 2004, by Steve Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

Notary Public for Midland County, Texas

My Commission Expires: 8/23/2007



J ROBERTSON Notary Public, State of Texas My Commission Expires: August 23, 2007

512-5062



BULLDOG TESTERS

Jal, New Mexico (505) 390-3070

> RECEIVE-OCT 2 2 2004

Operator:Yates Drilling Co.Well Name:Parrot Federal Com #2Dst Number:1Date of Test:06/24/2004Date of Report:06/25/2004

WELL TEST REPORT

BULLDOG TESTERS

WELL TEST REPORT

Phone: (432) 756-5551 Cell: (505) 390-3070

.

Technical Services (928) 505-8389

Service Order Number:	9017	Bulldog Technician:	Mark Luna
Test Number:	1	State:	New Mexico
Location:	5-29 T-19S R-27E	County:	Eddy
Well Name & Number:	Parrot Federal Com # 2	Field:	Wildcat Chester
Well Owner:	Yates Drilling Co.	Test Interval:	8078'- 8127'

.

TEST SEQUENCE

TOOL SEQUENCE

Description	Date	Time	Pressure	Mcf/D	Component	OD (in)	ID (in)	Length (ft)	Depth (ft)
Set Packers	06/24/04	06:18			Drillpipe	4.50	3.826	7327.30	
Start flow on 1/8" choke		06:19	11		Drillcollars	6.25	2.25	612.79	
		06:24	6.0"	1	Circulating Sub	6.00	2.25	1.00	
End flow - Start shut-in		06:34	12		Drillcollars	6.25	2.25	93.00	
End shut-in		07:04	0.0	1	X-Over	6.00	2.25	1.00	
Start flow on 1/8° choke		07:04	4.5°	1	Recorder	5.00	1.12	3.00	8035
		07:08	12"	Γ	Shut-in/Sampler	5.00	0.68	9.20	8038
		07:14	17.5 oz		Hydraulic Tool	5.00	1.18	5.21	
Open to 1/4° choke		07:24	4.0 psi		Recorder	5.00	1.12	5.69	8052
		07:34	20.0		Jars	5.00	1.87	7.68	
		07:39	30.0		Packer	8.00	1.50	6.22	8072
Gas to surface		07:44	36.0	67.6	Packer	8.00	1.50	6.22	8078
		07:54	52.0	91.1	Perfs	5.00	3.00	(
Open to 3/8" choke		08:09	70.0	253.0	X-Over	6.00	2.25)	
		08:24	60.0	219.0	Drillcollars	6.25	2.25	(1
		08:44	66.0	239.0	X-Over	6.00	2.25)	
		09:04	74.0	266.0	Perfs	5.00	3.00	(
		09:24	74.0	266.0	Recorder	5.00	1.12	49	8127 (TD)
		09:44	75.0	270.0					
		10:04	76.0	273.0			Τ		
End flow - Start shut-in		10:34	76.0	273.0		1	1	1	
Ena shut-in		17:34	0.0						
Pulled tool	1	17:35		T	1		1	1	1



BULLDOG TESTERS

WELL TEST REPORT

Phone: (432) 756-5551 Celt (505) 390-3070

0070 0407 Yates Drilling Co. Well Owner: Well Name & Number: Parrot Federal Com #2 Location: S-29 T-19S R-27E Test Number: 1 Service Order Number: 9017

R	NSTRUMENT	DATA		WE	WELL DATA			
Instrument Number:	Spartek 76134	Spartek 71067	Mechanical	Mud Type: Gel	Mud WL: 10.2			
Capacity (psig)	10000	10000	6450	Viscosity:	Water Loss:			
Depth (ft)	8052	8035	8122	Resistivity of Mud:	0.058 @ 70 deg f			
Inside / Outside	Inside	Inside / Above	Outside	Resistivity of Filtrate:				
Clock Capacity:	Elec	Elec	1	Chlorides:	145,000			
Temperature (f)	139.8			H2S During Test:	None			
Initial Hydrostatic:	4334			Formation:	Wolfcamp			
Pre-Flow:	1010 - 1121	No		Tested Interval:	8078 8127			
Initial Shut-in:	4106	Leaks		Elevation:	3408 GL			
2nd Flow:				Total Measured Depth:	8127			
2nd Shut-in:				Open Hole Size:	8 3/4*			
Final Flow:	1187 - 1277	No		Casing Size:	9 5/8"			
Final Shut-in:	4212	Leaks		Cushion:	None			
Final Hydrostatic:	4330		1	Bottom Choke Size:	5/8*			

PIPE RECOVERY

Ran 986' water cushion = 7.45 bbl. 1707 Total fluid = 17.67 bbl., consisting of: 719 Oil = 10.22 bbl. (gravity: 46.0 deg API @ 60 deg f) 988" Water cushion = 7.45 bbl. (nv: 17.74 @ 70 deg f/300 ppm Cl.)

		SAMPLE	R REPORT		
Total Volume of Sample:	1500	cc			
Pressure in Sampler:	1276	Psi			
Gas:	4,44	Cu.Ft.			
Oil:	700	CC	Gravity:	46.0 deg API @ 60 deg f	
Water:	0	CC	Resistivity:		
 Mud:	0	СС	Resistivity:		



Technical Services (928) 505-8389

Test Interval:	8078-8127
Field:	Wildcat Chester
County:	Eddy
State:	New Mexico
Bulldog Technician:	Mark Luna

Yates Drilling Co. Parrot Federal Com #2, Dst #1

Comments relative to analysis of the drill stem test that was run in the Wolfcamp formation by Bulldog Testers.

This analysis is based upon the liquid recovery and equations applicable to liquid recovery tests; radial flow analysis and derivative analysis techniques. It has been assumed, for purposes of this analysis that the tested reservoir system consisted of a single porosity zone 45 feet in thickness with an average porosity of 15 percent. The diagnostic plot indicates constantly decreasing derivative pressures. This type of flow regime is generally associated with either the presence of a constant pressure boundary and/or that the tested reservoir system was only partially penetrated. Therefore, a vertical oil-well model with spherical flow characteristics was used for type-curve matching and non-linear regression analysis.

The semi-log plots indicate a maximum initial reservoir pressure of 4251 psi and a maximum final reservoir pressure of 4247 psi, which is equivalent to a subsurface pressure gradient of 0.527 psi/ft at gauge depth. This pressure gradient is somewhat high compared to "normal" reservoir pressures which are generally 0.36 psi/ft to 0.41 psi/ft.

The Average Production Rate which was used in this analysis has been calculated from analysis of the flow pressure curves using a liquid gradient for the recovered oil of 0.345 psi/ft.

The calculated Skin Factors indicate significant well-bore damage was present at the time of this formation test.

The evaluation criteria used in the drill stem test analysis system indicate this is a good mechanical test and the results obtained in this analysis should be reliable within reasonable limits relative to the assumptions which have been made.

Michael Hudson Analyst (928) 505-8389



Vertical Oil Well Model

Yates Drilling Co Parrot Federal Com 2, Dst 1 Gauge 76134

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Model Parameters

Cil Permeability (k _o)	0.308 md	Total Mobility (k/µ)t	2.11 md/cp
Gas Permeability (kg)	0.026 md	Total Transmissivity (kh/µ)t	95.13 md.ft/cp
		Skin (s)	4.635

Formation Parameters

Net Pay (h)	45.000 ft
Total Porosity (φ _t)	15.00 %
Oil Saturation (So)	80.00 %
Gas Saturation (Sg)	0.00%
Water Saturation (\tilde{S}_W)	20.00 %
Wellbore Radius (r _w)	0.36 ft
Formation Temperature (T)	139.8 °F
Formation Compressibility (cf)	4.10 9e-6 psi ⁻¹
Total Compressibility (ct)	1.999e-5 psi ⁻¹
Wellbore Storage Constant Dim. (C _D)	3.86

Fluid Properties

Oil Compressibility (co)	1.91576e-5 psi ⁻¹
Gas Compressibility (cg)	1.52775e-4 psi ⁻¹
Water Compressibility (Cw)	2.79207e-6 psi ⁻¹
Oil Formation Volume Factor (Bo)	1.761
Gas Formation Volume Factor (Bg)	0.000645 bbl/scf
Water Formation Volume Factor (Bw)	1.003
Oil Viscosity (µ ₀)	0.294 cp
Gas Viscosity (µg)	0.0242 cp
Water Viscosity (11w)	0.466 cp
Solution Gas Ratio (R _s)	1472 scf/bbl
Oil Gravity (y ₀)	46.00 ° API
Gas Gravity (G)	0.650
PVT Reference Pressure (ppVT)	4251.06 psi
Bubble Point Pressure (P _{bp})	4251.06 psi
C:\Fest\FeskBak\Bd9017 FKT 01-Jul-04 Ver 4.107	

Production and Pressure

Q _t B _t	228.196 bbl/d
Final Oil Rate	64.230 bbl/d
Final Gas Rate	0.273 MMCF/D
Final Flowing Pressure (pwfo)	1278.93 psi
Final Measured Pressure	4211.81 psi
Cumulative Oil Production During Test	10.064 bbl

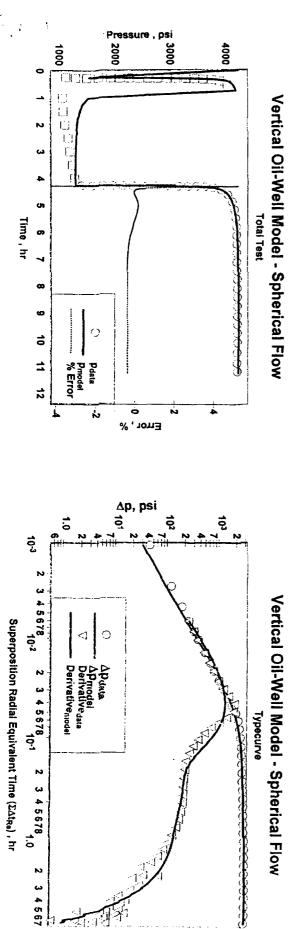
Synthesis Results

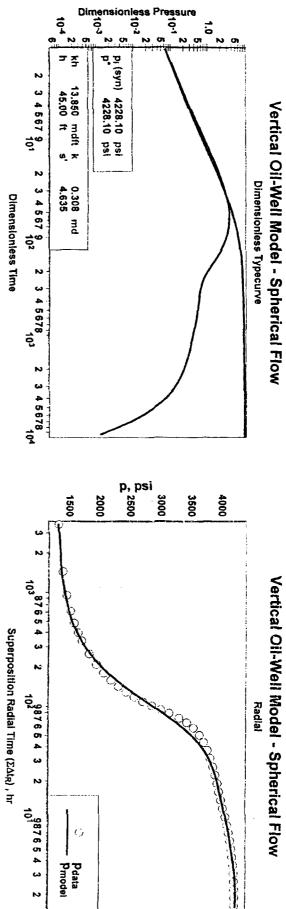
Average Error	0.22%
Synthetic Initial Pressure (pj)	4228.10 psi
Extrapolated Pressure at Specified Time	4228.10 psi
Pressure Drop Due To Skin (∆p _s)	1570.04 psi
Flow Efficiency (FE)	0.468
Damage Ratio (DR)	2.138

Forecasts

Forecast Flowing Pressure (Pflow)	1278.93 psi
3 - Month Constant Rate Forecast @ Curr. Skin	64.189 bbl/d
6 - Month Constant Rate Forecast @ Curr. Skin	64.189 bbl/d
Forecast Flow Duration (telow)	12.00 month
Constant Rate Forecast @ Curr. Skin	64.189 bbl/d
PI / II (Total Liquids - Actual)	0.022 bbl/d/psi
Constant Rate Forecast @ Skin=0	137.166 bbl/d
PI / II (Total Liquids - Ideal)	0.047 bbl/d/psi
Constant Rate Forecast @ Skin=-4	1621.367 bbVd

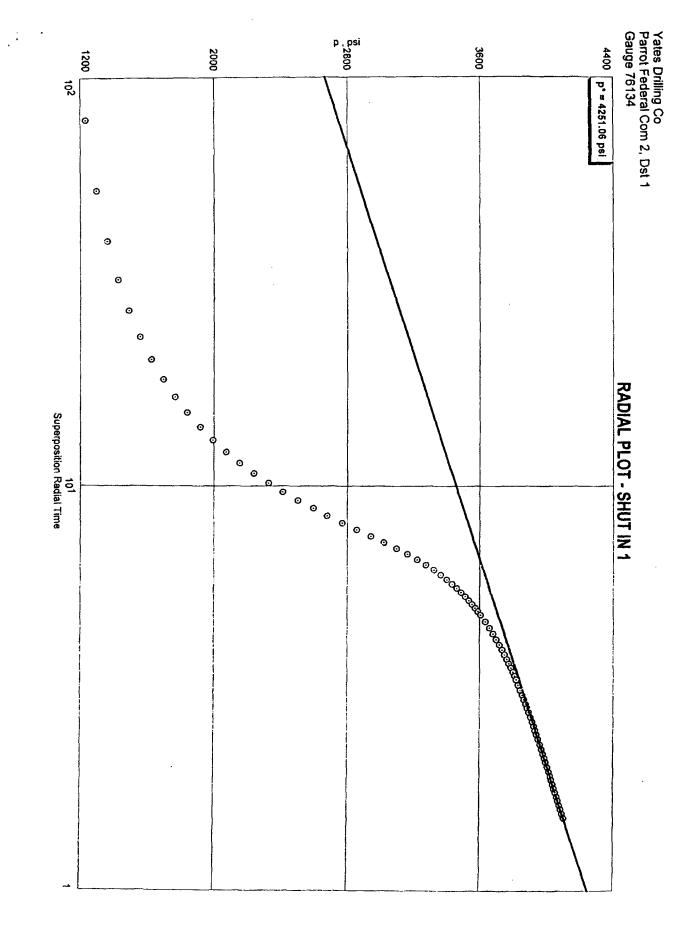
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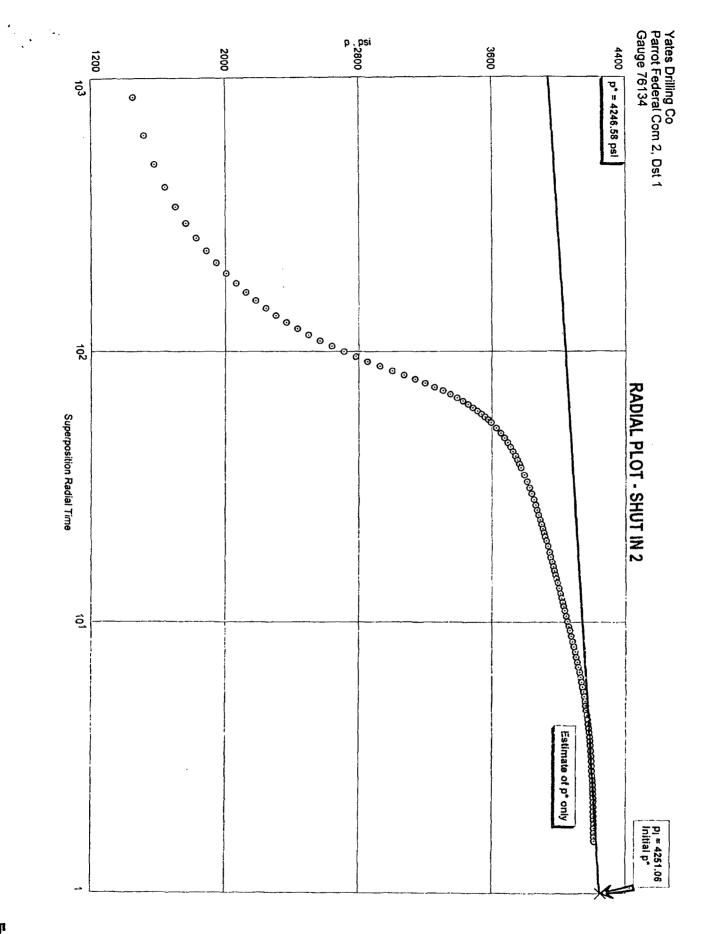
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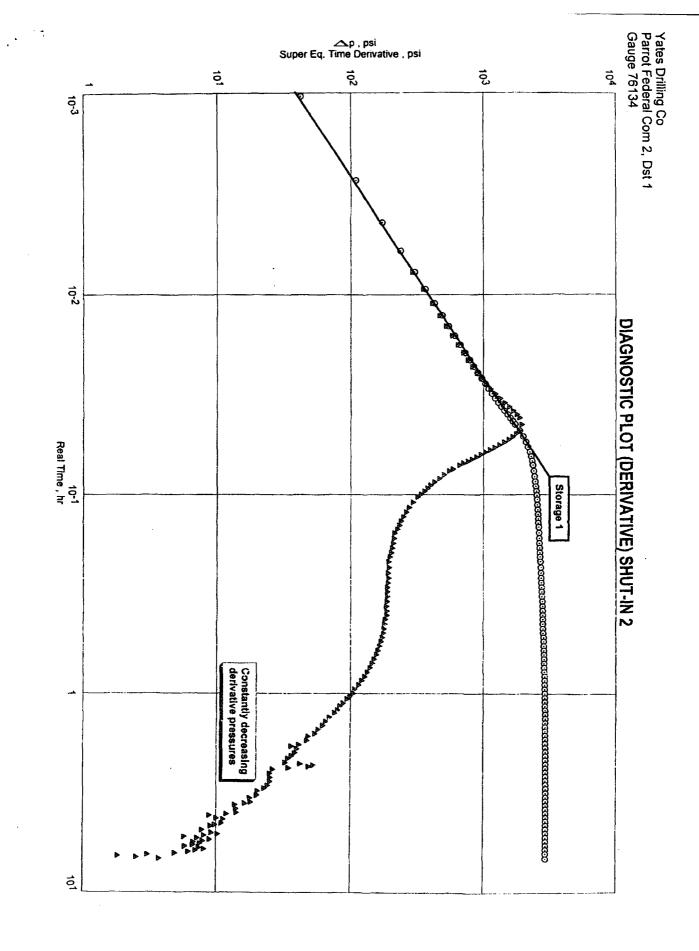
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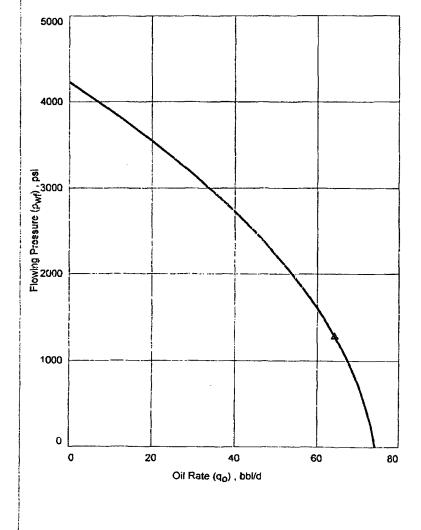
Inflow Performance Relationship (I.P.R.)

Yates Drilling Co Parrot Federal Com 2, Dst 1

Reservoir Pressure (pR)	4228.00	psi	
Bubble Point Pressure (pbp)	4251.00	psi	M
Fest Pressure (p _{wf})	1278.93	psi	M
Dil Test Rate (q _o)	64.230	bbl/d	M
Nater Test Rate (qw)		þbl/d	
	Reservoir Pressure (p _R) Bubble Point Pressure (p _{bp}) Fest Pressure (p _{wf}) Dil Test Rate (q _o)	Bubble Point Pressure (p_{bp}) 4251.00Fest Pressure (p_{wf}) 1278.93Dil Test Rate (q_0) 64.230	Reservoir Pressure (p_R)4228.00 psiBubble Point Pressure (p_{bp})4251.00 psiFest Pressure (p_{wf})1278.93 psiDil Test Rate (q_0)64.230 bbl/d

Maximum Oil Rate	74.143	bbi/d
Maximum Water Rate		bbi/d
Maximum Total Rate		bbl/d

Results

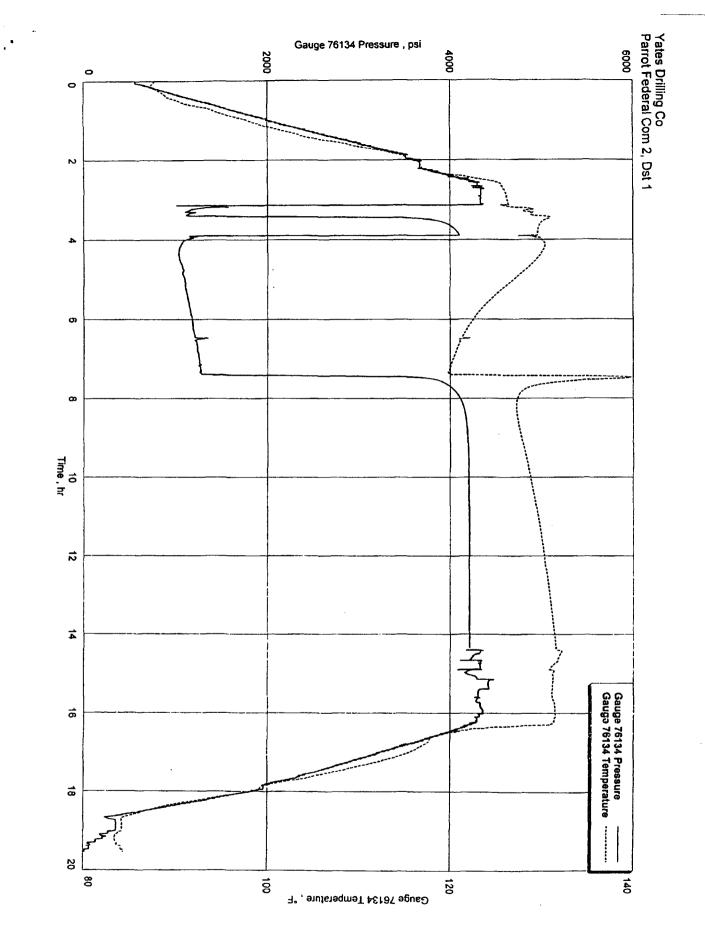


C.\Fast\FaskBak\Bd9017.FKT 01-Jul-04 Ver 4.107.....

Flowing	Oil	Water	Total
Pressure	Rate	Rate	Rate
			661/ 4
psi	bbi/d	bbl/d	bbl/d
0.00	74.143		
300.00	72.792		
600.00	70.844		
900.00	68.299		
1200.00	65.156		
1278.93*	64.230		
1500.00	61.416		
1800.00	57.079		
2100.00	52.145		
2400.00	46.613		
2700.00	40.484		
3000.00	33.758		
3300.00	26.435		
3600.00	18.514		
3900.00	9.996		
4200.00	0.881		
4228.00	0.000		
Note : * Te	act Point		
	Subble Point		
		n Vogel's Equa	ation
		e Factor=0.2)	40011.
(40		C 1 UOLO1 0.2.)	

Gauge 76134

Fast



Wpdn/8d9017 01-Jul-04 Ver 4.107

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Yates Drilling Co. Parrot Federal Com #2

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DISTRIBUTION OF FINAL REPORTS

Toby Rhodes [2 + Disk] Yates Drilling Co. 105 S. 4th St. Artesia NM 88210 10/27/2004

Wellbore Diagram

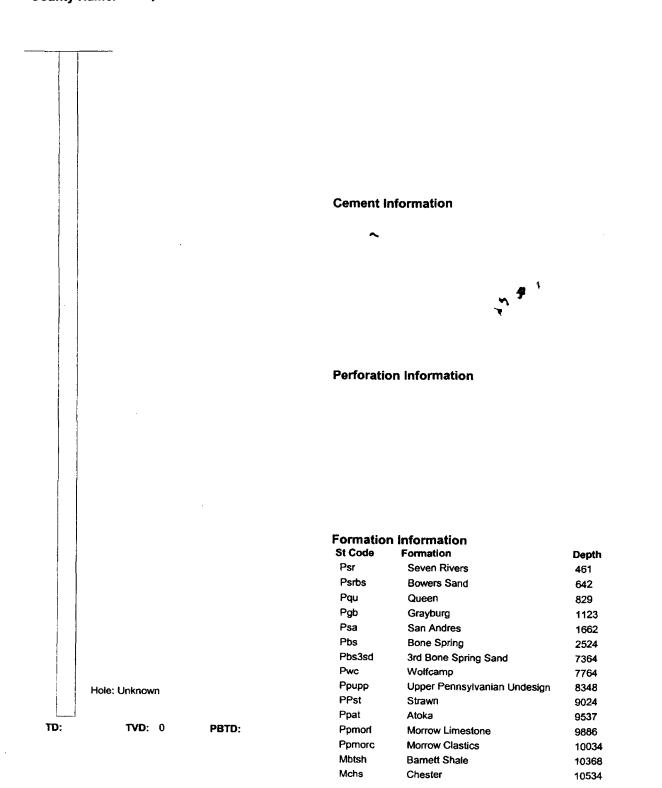
30-015-33345-00-00

Company Name: YATES DRILLING CO

Location: Sec: 29 T: 19S R: 27E Spot: Lat: 32.6287093951195 Long: -104.294623679359

Property Name: PARROT FEDERAL COM

County Name: Eddy



r263

,•

PARROT FEDERAL COM No. 002

String Information

District I 1625 N. Erench Dr., Hobbs. NM 88240 District II 811 South First, Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 State of New Mexico Energy, Minerals & Natural Resources

> Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-104 Revised July 28, 2000

Submit to Appropriate District Office 5 Copies

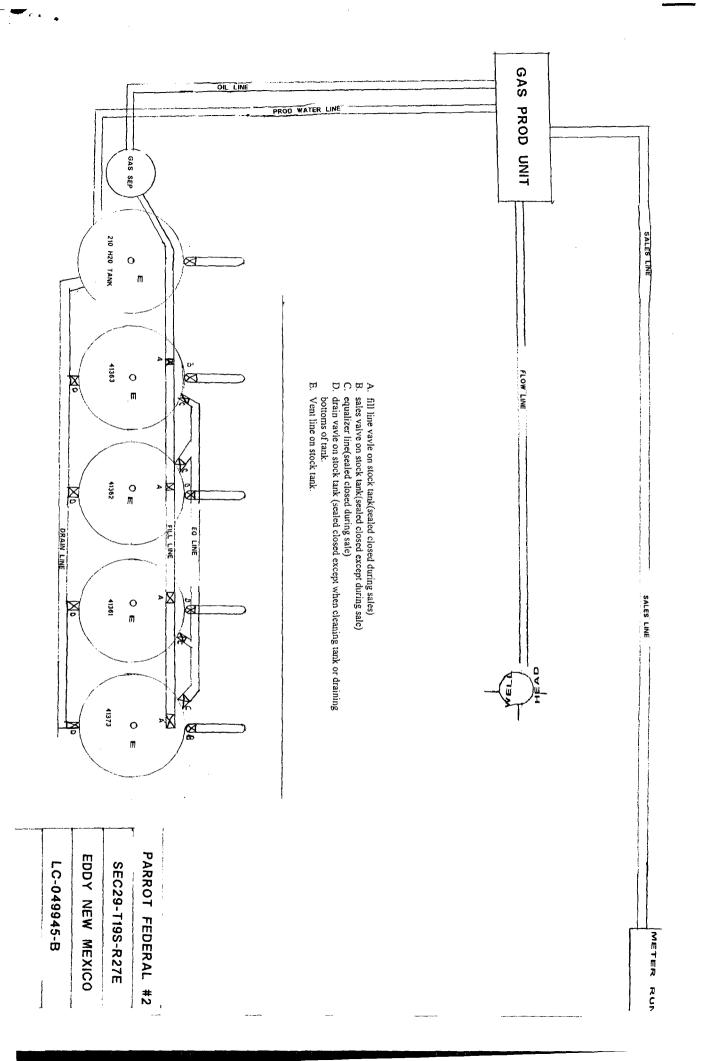
S

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Operator name and Address								² OGRID Number 025513						
Yates Drilling Company								025513						
105 South 4 th St. Artesia, NM 88210									' Reason for Filing Code/ Effective Date NW					
API Number S Pool Name Lake Mc M:							an' (4	Jalfo	B	 }	6 Pool			
30-015-33345												1400		
* Property Cade Parrot Fe						arrot Fed	leral (com	2		' Well I	Number	2	
11. ¹⁶ Surface Locatic Ut or Int no. Section Township Runge Lot.Idn Feet from the North						North/So	nth Line	Feet	from the	East/Wes	t line	County		
i I	29	195	27E			1600	S		660		E			
	m Hole L													
UL or lot no.	Section	Townshi	p Range	Lot Idn	Fo	er from the	North/So	uth line	Feet from the East		East/We	a line	County	
12 Lse Code		ug Method Co		Counterion Date	∇	¹⁰ C-129 Perm	uit Number	* C-129 Effective I		Effective Date			17 C-129 Expiration Date	
	гк	owing		0/6/2004	1_									
	I and Gas	Transpor				≫ PO		×O				200 11	LSTR Location	
" Transporter			19 Transporter Na			- 10						and f	Description	
1478		-	Energy C	Company		A COMPANY		G		Unit I-Se	ection	29-19	7S-27E	
			uth 4 ^m St. 1, NM 882	10	1000									
2097	00	Amoc	o Pipeline	Intercorpo	rat			C)	Unit I-S	ection	29-19	9S-27E	
			x 702068		ļ									
		Tulsa, (OK 74170	-2068										
									RECEIVED					
<u>22 5 (9</u> , 5	(Asiyang)			<u></u>			OCT 2 2 2004					OCT 2 2 2004		
					1.0		OCD-ARTESI					OCD-ARTESIA		
IV. Produce	ed Water													
^B POD				cation and Description									-	
V. Well Co	mpletion	Data												
³⁷ Spud 5/29/2			* Ready Date 10/5/2004	1	" TD 10,67		** PB 832			* Perforat 8074			* DHC. MC	
	Hole Size			Casing & Tubing S	Size			Depth Se	я				* Sacks Cement	
	17 ½"			13 3/8"				430'					475 sxs.	
	12 ¼"		<u> </u>	9 5/8"			2820'					<u> </u>	900 sxs.	
	8 ¼"		1	7"			8205'			800 sxs.		800 sxs.		
	6 1/8"		1	4 1/2"			10677'			275 sxs		275 sxs		
VI. Well	Test Data	1				······					<u> </u>			
³⁹ Date N 10/6/2			as Delivery Date 10/6/2004		Test D /18/2	1					" Tbg. Pressure 2100#		Csg. Pressure	
" Choke 12/0		1	" Oil 83.39 bbls		* ³ Wate	er	9	⁴ Gas 70 mcf		"AOF			" Test Method Flowing	
" I hereby cern and that the in	tify that the	rules of the	Oil Conservatio	n Division have been lete to the best of n	en com	plied with wiedge and	BAT	and the second second	-	NSER	VATIC	N D	DIVISION	
beier. Signature: Karen Leishman					A	Approved by:								
Printed name: / Karen J. Leishman				Т	litle:		DIS		MW. IISI		M RVISOR			
Engineering Technician					Approval Date						7 2094			
Date: 10/20/20			Phone:	8-8463										

m 3160-5 DEF BUR						
•••••••	TICES AND REPORT			5. Lease Serial No. LC-049945-	3	
	ils form for proposals to dril . Use Form 3160-3 (APD) fo			6. If Indian, Allottee		
SUBMIT IN TRIPL	ICATE - Other inst	ructions on reverse s	ide	7. If Unit or CA/Agre	ement, Name and/or No	
Type of Well X Oil Well Ga	s Well Other			8. Well Name and N	ło.	
Name of Operator			<u>C - 8 2004</u>		ederal Com #2	
Yates Drilling Company		· · · · · · · · · · · · · · · · · · ·		9. API Well No. 30-1	015-33345	
. Address 105 S. 4th Str., Artesia, N	M 88210	3b. Phone No. <i>(include area co</i> 505-748-8463		10. Field and Pool,		
Location of Well (Footage, Sec., T., R.,					cat Chester	
				11. County or Paris		
	SL and 660' FEL Sec			Eddy, NM	فستجرب فنستعك ويجافنا كالوصيق	
TYPE OF SUBMISSION	RIATE BOX(ES) TO	INDICATE NATURE (E OF ACTION	EPORT, OR OT	HER DATA	
					<u> </u>	
	Acidize	Deepen		(Start/Resume)	Water Shut-Off	
Notice of Intent	Alter Casing	Fracture Treat	Reclamation		Well Integrity	
X Subsequent Report	Casing Repair	New Construction	Recomplete		Other	
Final Abandonment Notice	Change Plans Convert to Injection (clearly state all pertinent details, recomplete horizontally, give subs be performed or provide the Bon	Plug and Abandon Plug Back , including estimated starting date of urface locations and measured and i kd No. on file with BLM/BIA. Requi	Temporarily Water Dispo any proposed work and true vertical depths of al red subsequent reports	y Abandon osal I approximate duration th II pertinent markers and shall be filed within 30	Site Security Diagram	
Final Abandonment Notice 3. Describe Proposed of Completed Operation If the proposal is to deepen directionally or Attach the Bond under which the work will following completion of the involved operati testing has been completed. Final Abandod determined that the site is ready for final inso	Clearly state all pertinent details. Convert to Injection (clearly state all pertinent details, recomplete horizontally, give subs be performed or provide the Bon ions. If the operation results in a poment Notices shall be filed only	Plug and Abandon Plug Back including estimated starting date of surface locations and measured and kd No. on file with BLM/BIA. Requit multiple completion or recompletion y after all requirements, including rec	Temporarily Water Disputany proposed work and true vertical depths of al red subsequent reports in in a new interval, a For clamation, have been co	y Abandon osal I approximate duration th Il pertinent markers and shall be filed within 30 rm 3160-4 shall be filed mpleted, and the operat	Site Security Diagram	
Final Abandonment Notice Describe Proposed of Completed Operation of the proposal is to deepen directionally or Attach the Bond under which the work will following completion of the involved operative testing has been completed. Final Abands determined that the site is ready for final ins Please find attached	Change Plans Convert to Injection Convert of the operation results in a convert Notices shall be filed only convertion.) Convert of a Site Security Diago Convert of a Site Security Diago Convert of the operation Convert of the operation results in a co	Plug and Abandon Plug Back including estimated starting date of surface locations and measured and in di No. on file with BLM/BIA. Require multiple completion or recompletion y after all requirements, including rec ram.	Temporarily Water Dispu- any proposed work and true vertical depths of all red subsequent reports in a new interval, a For damation, have been co	Abandon osal approximate duration th pertinent markers and shall be filed within 30 rm 3160-4 shall be filed mpleted, and the operat ACCEPTED F DEC DEC LES BA PETROLEUM	Site Security Diagram	
Final Abandonment Notice Describe Proposed of Completed Operation If the proposal is to deepen directionally or Attach the Bond under which the work will following completion of the involved operati- testing has been completed. Final Abando- determined that the site is ready for final ins Please find attached Please find attached 4. Thereby certify that the foregoing is to Name (Printed/Typed) Kare	Change Plans Convert to Injection Convert of the operation results in a convert Notices shall be filed only convertion.) Convert of a Site Security Diago Convert of a Site Security Diago Convert of the operation Convert of the operation results in a co	Plug and Abandon Plug Back , including estimated starting date of surface locations and measured and i d No. on file with BLM/BIA. Requit multiple completion or recompletion y after all requirements, including rec ram.	Temporarily Water Dispu- any proposed work and true vertical depths of all red subsequent reports in a new interval, a For damation, have been co	Abandon osal approximate duration th pertinent markers and shall be filed within 30 rm 3160-4 shall be filed mpleted, and the operat ACCEPTED F DEC DEC LES BA PETROLEUM	Site Security Diagram	

States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction





YATES DRILLING COMPANY

(505) 748-8440 • FAX (505) 748-8470 EMAIL: ydc1@gwest.net PEYTON YATES PRESIDENT

S. P. YATES VICE PRESIDENT

RANDY G. PATTERSON SECRETARY

DENNIS G. KINSEY TREASURER

March 30, 2005

RECEIVED

APR 0 6 2005

Oil Conservation Division ATTN: Mr. Tim Gum 1301 West Grand Avenue Artesia, NM 88210

RE: Request a six month extension of time to accomplish closure on the following post April 15, 2004 drilling pits

Parrot Federal Com 2 30-015-33345 29 19S 27E

Dear Mr. Gum,

Yates Dritting Company requests for good cause shown a six month extension of time to accomplish closure of the above listed post April 15, 2004 drilling pits.

Sincerely Dan Dolan

Reclamation Agent



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON Governor Joanna Prukop Cabinet Secretary Mark E. Fesmire, P.E. Director Oil Conservation Division

13 April 2005

Yates Drilling Company 105 South Fourth Street Artesia, New Mexico 88210

RE: Pit extension request.

Dear Mr. Dolan:

The Artesia District of the Oil Conservation Division on 6 April, 2005 received a request for extyension of time to close 1 pit. (see attachment) Rule 50 provides for one six-month extension for good cause. Please provide the documentation on what Yates deems as the "good cause", and the water data for each well. The letter stated, "for good cause shown", however no other documents or attachments were found.

an Barton Field Rep. II



YATES DRILLING COMPANY

105 SOUTH FOURTH STREET • ARTESIA, NEW MEXICO 88210 (505) 748-8440 • FAX (505) 748-8470 EMAIL: ydc1@qwest.net PEYTON YATES PRESIDENT

S. P. YATES VICE PRESIDENT

RANDY G. PATTERSON SECRETARY

> DENNIS G. KINSEY TREASURER

April 28, 2005

Mr. Van Barton Oil Conservation Division 1301 West Grand Avenue Artesia, NM 88210

MAY 0 4 2005

CODIARTERIA

Dear Mr. Barton:

Yates Drilling Company is in receipt of your letter dated April 13, 2005 requesting "good cause shown" and water data to process the request for extension of time to close the pit at the following site:

Parrot Federal Com 2 30-015-33345 Section 29 T19S R27E

The extension is needed due to the lack of equipment available for closure. Please find enclosed the water data for this site.

Your attention to this matter is appreciated. Should you have any questions, you may contact Dan Dolan at 505-748-4181.

Sincereiy, Dan Dolan

Reclamation Agent

Due to the sensitive nature of this area the extension request may not be approved.

MAY: 5 2005

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Well Ro	Office of the State Engineer eports and Downloads Paprol Led Com 2
Township: 20S Range: 27E	
NAD27 X: Y:	Zone: Search Radius:
County: Basin:	Number: Suffix:
Owner Name: (First) (I	Last) ONon-Domestic ODomestic © All
Well / Surface Data Repo	ater Column Report WATERS Menu Help

AVERAGE DEPTH OF WATER REPORT 04/29/2005

		N V DIN		MITIN OF	MEXTERS LED	FORI V	4/23/20	00		
								(Depth)	Water in	Feet)
Bsn	Tws	Rng	Sec	Zone	x	Y	Wells	Min	Max	Avg
L	20S	27Ē	05				1	50	_50	50
RA	205	27E	07				2	13	198	106
RA	20s	27E	14				2	66	74	70
RA	20S	27E	21				2	140	150	145

Record Count: 7

District I
1625 N. French Dr., Hobbs, NM 88240
District 11
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 For drilling and production facilities, submit to appropriate NMOCD District Office. For downstream facilities, submit to Santa Fe office

Pit or Below-Grade Tank Registration or Closure Is pit or below-grade tank covered by a "general plan"? Yes X No							
	Type of action: Registration of a pit or below-grade tank Closure of a pit or below-grade tank X						
Operator: <u>Yates Drilling Company</u> Telephone: <u>505-748-4500</u> e-mail add Address: <u>105 South 4th Street</u> , <u>Artesia</u> , N.M. 88210 Facility or well name: <u>Parrot Federal Com 2</u> API #: <u>30-015-33345</u> U/L or Qtr/ County: <u>Eddy</u> Latitude <u>32.62859</u> Longitude <u>104.2</u> Surface Owner: Federal State <u>X</u> Private Indian []	RECEIVED						
Pit	Below-grade tank	APR 0 6 2005					
Type: Drilling X Production [] Disposal []	Volume:bbl Type of fluid: Construction material:	WUMATESIA					
Work over 🔲 Emergency 🗋							
Lined X Unlined	Double-walled, with leak detection? Yes 🔲 If not, explain why not.						
Liner type: Synthetic 🗌 Thickness <u>12</u> mil Clay 🗍							
Pit Volume <u>12,000</u> bbl							
Depth to ground water (vertical distance from bottom of pit to seasonal high	Less than 50 feet	(20 points)					
water elevation of ground water.)	50 feet or more, but less than 100 feet	(10 points) XXXX					
	100 feet or more	(0 points)					
Wellhead protection area: (Less than 200 feet from a private domestic water	Yes	(20 points)					
source, or less than 1000 feet from all other water sources.)	No	(0 points) XXXX					
source, or ress that root rect from an ource water sources.							
Distance to surface water: (horizontal distance to all wetlands, playas,	Less than 200 feet	(20 points)					
irrigation canals, ditches, and perennial and ephemeral watercourses.)	200 feet or more, but less than 1000 feet	(10 points)					
1000 feet or more (0 points) XXXX							
	Ranking Score (Total Points)	10 POINTS					

(5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments: Closure work plan for drilling pit. The drilling pit contents will be mixed to stiffen the pit contents. Encapsulation trench will be excavated and lined with a 12 mil. Synthetic liner on former drilling pit site. Drilling pit contents will then be emplaced into the encapsulation trench. A 20 mil. Synthetic liner will then be placed over the pit contents with a min. of a 3' over lap of the underlying trench areas. The encapsulation trenches will then be backfilled back to grade using a min. of 3' of clean soil and like material. A one call & 48 hour notice will be provided to the Oil Conservation Division before pit closure actions begin.

Pit Closure actions to begin by NA. Ending date NA

1 hereby certify that the information above is true and complete to the best of my knowledge and belief. Wither certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines , a general permit X, or m (attached) alternative OCP-approved plan .

Date: 03/30/2005

Printed Name/Title Dan Dolan / Regulatory Agent

Signature

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval:	A-DA A	7		APR 13 2	2005
Printed Name/Title	La the	Signature	<u> </u>	Date:	
	<u>}</u>		det		

District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 For drilling and production facilities, submit to appropriate NMOCD District Office. For downstream facilities, submit to Santa Fe office

Is pit or below-grade ta	rade Tank Registration or Closure nk covered by a "general plan"? Yes X No or below-grade tank Closure of a pit or below-grade] tank X
Operator: Yates Drilling Company Telephone: 505-748-4500_e-mail add Address: 105 South 4 th Street, Artesia, N.M. 88210 Facility or well name: Parrot Federal Com 2_API #: 30-015-33345_U/L or Qtr. County: Eddy Latitude 32.62859Longitude 104. Surface Owner: Federal State X PrivateIndian []	/Qtr <u>i</u> Sec <u>29</u> T <u>195</u> R <u>27E</u>	RECEIVED
Pit Type: Drilling X Production [] Disposal [] Work over [] Emergency [] Lined X Unlined [] Liner type: Synthetic [] Thickness 12 mil Clay [] Pit Volume 12,000 bbl	Below-grade tank Volume: bbl Type of fluid: Construction material: Double-walled, with leak detection? Yes If not, es	
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) XXXX (0 points)
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes No	(20 points) (0 points) XXXX
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet 200 feet or more, but less than 1000 feet 1000 feet or more	(20 points) (10 points) (0 points) XXXX
	Ranking Score (Total Points)	10 POINTS

(5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments: Registration for encapsulation trench. The drilling pit contents will be mixed to stiffen the pit contents. Encapsulation trench will be excavated and lined with a 12 mil. Synthetic liner on former drilling pit site. Drilling pit contents will then be emplaced into the encapsulation trench. A 20 mil. Synthetic liner will then be placed over the pit contents with a min. of a 3' over lap of the underlying trench areas. The encapsulation trenches will then be backfilled back to grade using a min. of 3' of clean soil and like material. A one call & 48 hour notice will be provided to the Oil Conservation Division before pit closure actions begin.

Pit Closure actions to begin by NA. Ending date NA

I hereby certify that the information above is true and complete to the best of my knowledge and belief. Hurther certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines], a general permit X, o an (attached) alternative OCD-approved plan].

Date: 03/30/2005

Printed Name/Title Dan Dolan / Regulatory Agent

G Signature

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval: Printed Name/Title	Scild Sep Dignature	<u> </u>	APR 13 2005

District 1 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505	appropriate NM			Form C-144 June 1, 2004 d production facilities, submit to OCD District Office. m facilities, submit to Santa Fe		
Pit or Below-Grade Tank Registration or Closure Is pit or below-grade tank covered by a "general plan"? Yes X No Type of action: Registration of a pit or below-grade tank Closure of a pit or below-grade tank X						
Operator: Yates Drilling CompanyTelephone: _505-748-4500e-mail address: mikes@ypc.com Address: 105 South 4 th Street, Artesia, N.M. 88210 Facility or well name: Parrot Federal Com 2, API #: 30-015-33345_U/L or Qtr/Qtr 1_Sec_29_T_19SR_27E County:Latitude 32.62859Longitude 104.29405NAD: 1927 [] 1983 X Surface Owner: Federal State X_Private_Indian []						
Pit Type: Drilling X Production [] Disposal [] Work over Emergency [] Lined X Unlined [] Liner type: Synthetic [] Thickness 12 mil Clay [Pit Volume 12,000 bbl]	Below-grade tank Volume:bbl Type of fluid: _ Construction material: Double-walled, with leak detection?				
Depth to ground water (vertical distance from bottom of water elevation of ground water.)	of pit to seasonal high	Less than 50 feet 50 feet or more, but less than 100 fee 100 feet or more	et	(20 points) (10 points) XXXX (0 points)		
Wellhead protection area: (Less than 200 feet from a j source, or less than 1000 feet from all other water sour		Yes No		(20 points) (0 points) XXXX		
Distance to surface water: (horizontal distance to all w irrigation canals, ditches, and perennial and ephemeral	200 feet or more, but less than 1000 feet			(20 points) (10 points) (0 points) XXXX		
		Ranking Score (Total Points)		10 POINTS		
		1		1		

If this is a pit closure: (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if your are burying in place) onsite X offsite If offsite, name of facility_NA______. (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No Yes I If yes, show depth below ground surface_______ft. and attach sample results.

(5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments: Closure work plan for encapsulation trench. The drilling pit contents will be mixed to stiffen the pit contents. Encapsulation trench will be excavated and lined with a 12 mil. Synthetic liner on former drilling pit site. Drilling pit contents will then be emplaced into the encapsulation trench. A 20 mil. Synthetic liner will then be placed over the pit contents with a min. of a 3' over lap of the underlying trench areas. The encapsulation trenches will then be backfilled back to grade using a min. of 3' of clean soil and like material. A one call & 48 hour notice will be provided to the Oil Conservation Division before pit closure actions begin.

Pit Closure actions to begin by NA. Ending date NA

I hereby certify that the information above is true and complete to the best of my knowledge and belief. Latrither certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines , a general permit X, or m (attached) diterpative OCD approved plan .

Date: 03/30/2005

Approval:

Printed Name/Title

Printed Name/Title Dan Dolan / Regulatory Agent

Signature

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

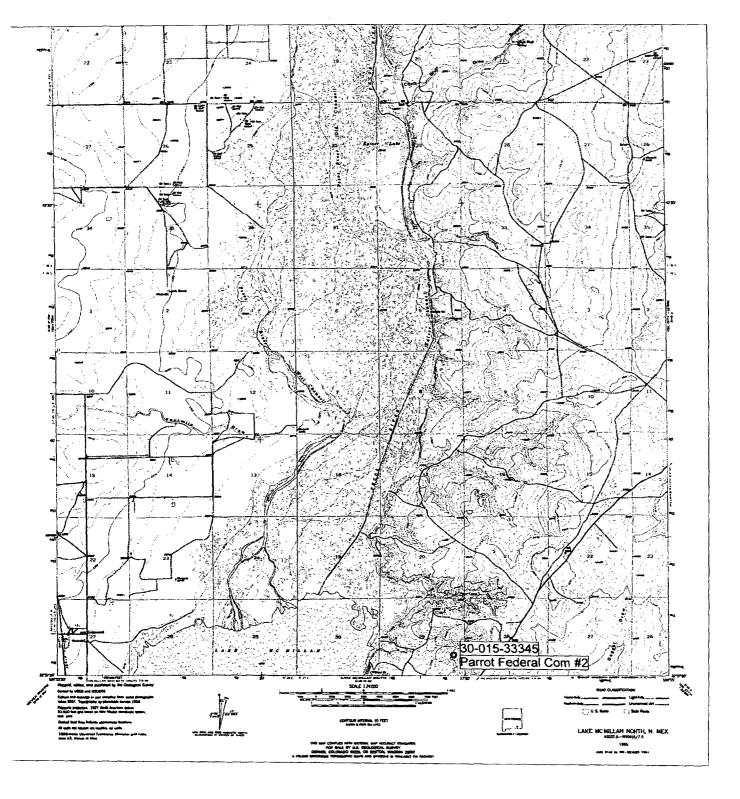
Signature

Date: APR 13 2005

*New Mexico Office of the State Engineer

New Mexico Office of the State Engineer Well Reports and Downloads						
Township: 20S	Range: 27E	Sections:				
NAD27 X:	Y :	Zone: Search Radius:				
County:	Basin:	Number: Suffix: RECEIVE.				
Owner Name: (First)	(La	(ast) ONOn-Domestic ODomestic 6 2005 (In All ON OF CONTRACT OF CONTRACT. CONTRACT OF CONTRACT OF CONTRACT OF CONTRACT OF CONTRACT OF CONTRACT. CONTRACT OF CONTRACT OF CONTRACT OF CONTRACT OF CONTRACT OF CONTRACT OF CONTRACT. CONTRACT OF CONTRACT. CONTRACT OF CONTRACT OF CONTRACT OF CONTRACT. CONTRACT. CONTRACT OF CONTRACT. CONTRACT. CONTRACT. CONTRACT OF CONTRACT. C				
Well / Su	rface Data Report					
	Clear Form	WATERS Menu Help				

		U A FILA	JOE D	grin Ve	WATER RE	FORI	3/29/20		Water in	Feet)
Bsn	Tws	Rng	Sec	Zone	х	Y	Wells	Min	Мах	Avg
$\boldsymbol{\Gamma}$	205	27E	05				1	, 50	50	5Õ
RA	20s	27E	07 .				2	13	198	106
RA	20S	27E	14				2	66	74	70
RA	20S	27E	21				2	140	150	145
Reco	rd Co	unt:	7							



SUNDRY Do not us abandoned v	5. Lease Serial No. LC-049945-B 6. If Indian, Allottee or Tribe Name						
SUBMIT IN TRIP	7. If Unit or CA/Agreement, Name and/or No.						
1. Type of Well Oil Well X	8. Well Name and No.						
2. Name of Operator				Parrot Federal Com #2			
Yates Drilling Company			<u> </u>	9. API Well No.			
3a. Address		3b. Phone No. (include		30-015-33345			
105 S. 4th Str., Artesia, NM 4. Location of Well (Footage, Sec., T., R., M.		505-748-	8463	10. Field and Pool, or Exploratory Area Wildcat Chester			
1600' F	SL and 660' FEL Section	on 29-19S-27E		11. County or Parish, State Eddy, NM			
12. CHECK APPRO	PRIATE BOX(ES) TO II	NDICATE NATUR	E OF NOTICE, REI	PORT, OR OTHER DATA			
TYPE OF SUBMISSION			TYPE OF ACTION				
Notice of Intent Subsequent Report Final Abandonment Notice I3. Describe Proposed of Completed Operation (o If the proposal is to deepen directionally or rec Attach the Bond under which the work will be	complete horizontally, give subsurface	ding estimated starting date of cocations and measured and	tion Recomplete don Temporaril Water Disp any proposed work and appro true vertical depths of all pertir	y Abandon y Aba			
following completion of the involved operation testing has been completed. Final Abandon determined that the site is ready for final inspe	s. If the operation results in a multip nent Notices shall be filed only after	ple completion or recompletio	n in a new interval, a Form 316	0-4 shall be filed once			
1. Blow well down to steel pit an		SOP					
2. POH with tubing and TCP gu	•						
3. Pickup redressed packer and							
 Set and test packer and casir Acidize well with 5,000 gals 1 	-	50 hall coolors					
6. Flow well back and clean well	-						
	•	ted sub, seating nipple	and tbg. Flange well up	o and RIH with pump and rods			
8. Return well to production	2						
14. I hereby certify that the foregoing is true Name (Printed/Typed)	and correct						
	ren J. Leishman	Title	Operations Tech				
Signature Javan Q	2 Leichman	Date	March 30,2006				
	THIS SPACE FOR FEDERAL OR STATE OFFICE USE						
Approved by ORIG SGD.)							
Conditions of approval, if any, are attached certify that the applicant holds legal or equivalent would entitle the applicant to conduct	 Approval of this notice does uitable title to those rights in the 		Office				

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willbully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

eptember 2001) UNITED STATES Expension DEPARTMENT OF THE IN BUREAU OF LAND MANAG						RTESL	FORM APPROVED OMB No. 1004-0135 Expires January 31, 2004		
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or re enter an abandoned well. Use Form 3160-3 (APD) for such proposals.							5. Lease Serial No. LC-049945-B 6. If Indian, Allottee or Tribe Name		
SUBMIT IN TRIPLICATE - Other instructions on reverse side RECEIVED							7, If Unit or CA/Agreement, Name and/or No.		
1. Type of Well Oil Well Oil Well	Vell X Gas Well Other			JUN 0 6 2006			8. Well Name and No. Parrot Federal Com #2		
2. Name of Operator Yates Drilling Company 3a. Address 3			3b Phone N	b. Phone No. (include area code)				9. API Well No. 30-015-33345	
105 S. 4th Str., Artesia, NM 88210 4. Location of Well (Footage, Sec., T., R., M., OR Survey Description)			505-748-8463				10. Field and Pool, or Exploratory Area Wildcat Chester		
1600' FSL and 660' FEL Section 29-19S-27E							Eddy, NM		
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION									
Notice o Notice o Subseque Final Ab 13. Describe Proposed of Con If the proposal is to deepe Attach the Bond under wh following completion of the testing has been complete determined that the site is 4/12/06 Aci	f Intent ent Report andonment Notice	horizontally, give subsurface red or provide the Bond No. c operation results in a multip ces shall be filed only after gals. 15% acid and 25	ing estimated s locations and r on file with BLI te completion o all requirements	Deepen inacture Treat New Construction Plug and Aband Plug Back tarting date of it wBBA. Require r recompletion s, including rect	ion	Production (Reclamation Recomplete Temporarily Water Dispo work and approx this of all pertine reports shall be real, a Form 3160	Abandon Isal Imate duration thereo ent markers and zone e filed within 30 days D-4 shalf be filed onc	s. 3. e	
14. I hereby certify that th Name (Printed/Type	d)	rrect . Leishman		Title (Operatior	ns Tech			
Signature Lamo Lunda					May 25,20	006			
ACCE	PTED FOR RE	CORNELS SPACE FO	OR FEDER	AL OR STA	ATE OFFICI	E USE			
	SGD, DAYID				Title		Da	te	
Conditions of approval, if appresent attached of approval of this notice does not warrant o certify that the applicant holds legal or equivable title to those rights in the subject leas which would entitle the applicant to conduct operations thereon. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any period.					Office				
States any faise, fictitious	01 and Title 43 U.S.C. Se oDrabduller Retatements TROLLOW ENGINE	or representations as to a	ne for any pe ny matter wit	rson knowing hin its jurisdic	ly and willbull tion	ly to make to a	any department or	agency of the United	