Form 3160-3 (September 2001)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT OF REENTH APPLICATION FOR PERMIT TO DRILL OR REENTH

FORM APPROVED OMB NO. 1004-0136

Expirest January 31,2004

Lease Serial No.

KECEIVED SF-047019 A

6. If Indian, Allottee or Tribe Name

1a. Type of Work X DRILL	REENTER		7.	If Unit or CA Agreement,	Name and No.		
Total Type of the same and the			8.	Lease Name and Well No			
1b. Type of Well Oil Well Gas Well Other	Sing	le Zone Multiple 2	Cone Ch	Chaparral #2 2526			
2. Name of Operator			9.	API Well No.			
Chaparral Oil and Gas, Inc. 4076				30-045-33	70		
3a. c/o Titus Consulting P. O. Box 962	3b. Phone N	o. (include area code)	10.	Field and Pool, or Explora	itory		
Farmington, New Mexico 87499	(505) 486-17			Basin Fruitland Coal	11629		
4. Location of well (Report location clearly and In accordance	with any State	requirements.*)	11.	Sec., T., R., M., or Blk. A	nd Survey or Area		
At surface	NT T 24 4 1	07.001730.33	İ		•		
1915' FNL, 1695' FWL, Latitude 36.684419 I	N, Longitude I	07.981728 W		F, Sec. 34, T-29-N	I, R-11-W		
At proposed prod. zone 1915' FNL, 1695' FWL, Latit	ude 36.684419	N, Longitude 107.98172	8 W				
14. DISTANCE IN MILES AND DIRECTION FROM NEARES	T TOWN OR	POST OFFICE*	12.	County or Parish	13. State		
Approximately 0.7 miles south southeast of Bloomfield, New Mex	tico by air.		Sar	ı Juan	New Mexico		
15. Distance from proposed*	16.	No. of Acres in lease	17. Spacin	g Unit dedicated to this wel	1		
location to nearest			İ				
property or lease line, ft.				20			
(Also to nearest drlg unit line, if any) 1695'	600.6		N/2 - 32 <del>3 - 1</del>				
18. Distance from proposed location*	19. 1	Proposed Depth	20. BLM/	BIA Bond No. on file			
to nearest well, drilling, completed, applied for, on this lease, ft. 300	1860	•	103660301				
21. Elevations (Show whether DF. RT, GR, etc.)		Aproximate date work wil		23. Estimated Duration			
5618 5618G	1-Ma	r-06		10 Days			
24. Attachments							
The following, completed in accordance with the requirements of	Onshore Oil a	nd Gas Order No. 1 shall	he attached to	o this form:			
The following, completed in accordance with the requirements of	Onshore on a	na Gus Grael 110. 1 shan	oc attached t	o unis form.			
1. Well plat certified by a registered surveyor.		4. Bond to cover the	operations u	nless covered by existing bo	ond on file(see		
2. A Drilling Plan.		item 20 above).			•		
3. A Surface Use Plan ( if the location is on National Forest Syst		1 *					
SUPO shall be filed with the appropriate Forest Service Offic	e).		ecific informa	ntion and/ or plans as may b	e required by the a		
		authorized officer.					
25. Signature	Name (Printe	ed/Typed)		Date			
S. Max Libby				26-Jan-06			
Agent-Ellis & Associates					····		
Approved By (Signature)	Name (Printe	ed/ Typed)		Date			
Chu Codolo				7/7	106		
Title Ach AM	Office				<del></del>		
Application approval does not warrant or certify that the applicant	holds legal or	equitable title to those rig	hts in the sub	ject lease which would ent	itle the applicant to co		
onerations thereon	_	<u> </u>					

\* (Instructions on reverse)



Conditions of approval, if any, are attached.

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

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 Unite

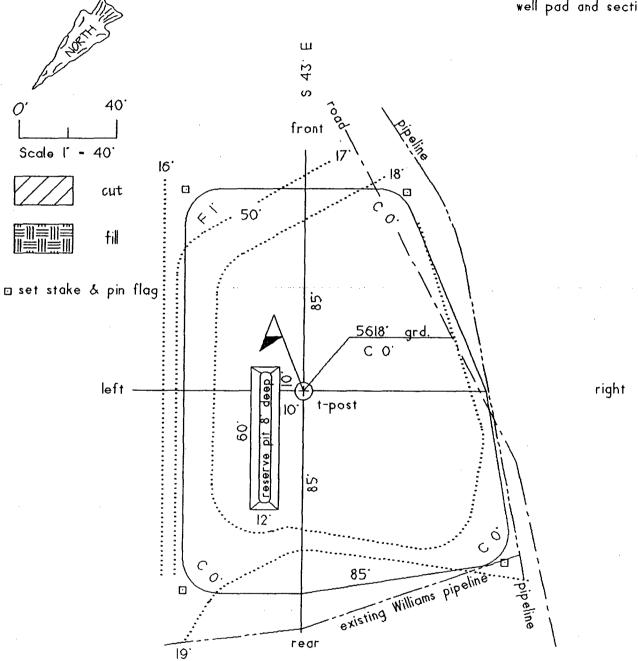
State of New Mexico
Energy. Minerals & Mining Resources Department
OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe. NM 87505

FEGERALD DAM

BECEIVED MENOR REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT.  APA Number 30 - 045-33570 710 29 Basin Fruitland Coal  Property Code 25-26 C Hopperty Name 4070 Survival Annual Coal  Property Code 4070 Repertor Name 4070 Rep			V	WEL	T roc	ATION AND	ACREAGE	DEDICATION	N PLAT	
Property Code 2 52 0 CHAPARRAL CHAPA	(				Pool					
OGRO No.  Operator Name  CHAPARRAL  Operator Name  CHAPARRAL  Operator Name  CHAPARRAL  Operator Name  CHAPARRAL  Operator Name  Services  Services  Services  Services  CHAPARRAL  Operator Name  Services  Services  Out or Let Sec. Top. Rige. Let bis. Feet froms Merity Seath Feet froms  Berton Hole Location if Different From Services  UL or Let Sec. Top. Rige. Let bis. Feet froms Merity Seath Feet froms  Berton Hole Location if Different From Services  UL or Let Sec. Top. Rige. Let bis. Feet froms Merity Seath Feet froms  Berton Hole Location if Different From Services  UL or Let Sec. Top. Rige. Let bis. Feet froms Merity Seath Feet from Seath Fee			<u>3570</u>		1162			ruitlar	nd Co	al v
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Botton Hole Location   Different From Serfices  UL or Let   Sec.   Tsp.   Rgs.   Let lds.   Feet Froms   Horth/South   Feet From   Serfices    Decignation   Joint   Page   Let lds.   Feet Froms   Horth/South   Feet From   Sect./West   County    Decignation   Joint   Page   Let lds.   Feet Froms   Horth/South   Feet From   Sect./West   County    No ALLOWABLE MIL ASSIGNED TO THIS COMPLETION UNITE. ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION    N 89'49' W ** 2676' ** 26447' **    OPERATOR CERTIFICATION   I hereby certify that the information contained here in it true and complete to the best of a 36684419' N    NAD 27   decimal of degree 36684419' N   O7.98728' W   ** calculated   ** or calculated								<del>                                      </del>	15 .00	·
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well pad and section



## Exhibit C TEN-POINT PROGRAM/ OPERATIONS PLAN CHAPARRAL OIL & GAS, INC.

Well name:

Chaparral #2

Location:

1915' FNL, 1695' FWL, F, Sec. 34, T-29-N, R-11-W

San Juan County, NM

Formation:

Basin Fruitland Coal

1. The geological surface formation is: San Jose

2. The tops of important geological markers: (based on existing log information)

**Pictured Cliffs** 

1712'

3. Estimated depths of anticipated water, oil, gas, or minerals:

Substance	Formation	Anticipated Depth
Gas	Fruitland Coal	1860'

## 4. The Casing Program:

Depth	Hole Size	Casing O.D.	<u></u>	Grade	Type	New/Used
0-650'	8 3/4"	7"	20#	J-55	ST&C	New
65—1860'	6 1/4"	4 1/2"	10.5#	J-55	ST&C	New

Proposed Cement Program: To effectively isolate and seal off all water, oil, gas and coal bearing strata encountered by the utilization of spacer and centralizers at the base of the Ojo Alamo formation as specified by NTL-FRA 90-1 III.B and API standards; and by using cement volumes as follows: (Exact volumes to be determined from logs):

Surface: 196 Cu Ft(166Sx) Class B w/ 0.25# Flocele/ Sx w/5#/Sk Gilsonite plus 2% CaCl (100% Excess).

Production: 85 Cubic Feet (42 Sacks Lite Standard Cement w/ 2% Metasilicate + 0.25 pps Flocele mixed to 12.4 ppg followed by 162 Cubic Feet (134 Sacks) Standard w/ 0.6% Halad-322 mixed to 15.6 ppg w/ caliper plus 25% excess in both slurries. Grand Totals: 247 Cubic Feet (176 Sacks).

## 5. Operators Minimum Specifications for pressure control:

Expected bottom hole pressure 300 psi or less.

Exhibit E is a schematic of the blowout preventer used by a local contractor for other wells in the area. The BOP to be used is an annular BOP with screwed connections with high-pressure inlet and outlet hoses, all tested to 750 psi minimum.

# Exhibit C TEN-POINT PROGRAM CHAPARRAL OIL & GAS, INC.

Well name:

Chaparral # 2

Location:

1915' FNL, 1695' FWL, F, Sec. 34, T-29-N, R-11-W

San Juan County, NM

Formation:

**Basin Fruitland Coal** 

## 6. The type and characteristic of the proposed circulating muds:

Surface Casing: Spud flocculating bentonite with lime.

Production Casing: Low solids non-disbursing system.

Interval	Mud Weight	Viscosity	Fluid Loss	_ Ph	_Additives
0-650'	9.0	45		9	Gel, Lime
650-TD	8.6-9.2	30-50	<15cc	9	Additives as needed yo maintain viscosity

## 7. Auxiliary Equipment to be used is as follows:

- a. Float valve above bit.
- b. Monitoring of mud system will be visual.
- c. A safety valve and subs to fit all drill strings will be used.

## 8. Testing, logging and coring will be as follows:

- a. Cores: None
- b. Drill stem tests: none anticipated.
- c. Logs will include: High Resolution Induction w/ Gamma Ray, SP, Caliper, Microlog, Spectral Density and Dual Spaced Neutron Microlog; all from Total depth to the surface casing shoe.

## 9. Anticipated Abnormal Pressures and temperatures:

No abnormal pressures, temperatures, or Hydrogen Sulfide gases are anticipated during the completion of this well.

## 10. Anticipated starting date and duration of operations:

The anticipated starting date is January 6, 2006. The drilling operations should be completed within 15 days after rig-up date. Completion will be done as equipment availability and weather permit.

Date: 11-16-05 Drilling Engineer: By Jalyman

# BLOW OUT PREVENTER (B.O.P.)

