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		OCD-HOBI	Codz BS	5. F		
1. 1						
Form 3160-3			1	FORM APPRO OMB No. 1004 Expires March 3	.0137	
(April 2004) UNITED STATE DEPARTMENT OF THE	F	5. Lease Serial No. NM 0450847				
BUREAU OF LAND MA	BUREAU OF LAND MANAGEMENT					
APPLICATION FOR PERMIT TO) DRILI	OR REENTER		6. If Indian, Allotee or Tu		
In Type of work: DRILL REEN	TTER			7 If Unit or CA Agreemen	I, Name and No.	
	_	Single Zone Multip	le Zone	8. Lease Name and Well I Federal A 2	No. <356	
Ib. Type of went: V Oil went U ous went				9. API Well No.		
2 Name of Operator Rubicon Oil & Gas, LLC		6.0426	10	30-025-02654		
3a. Address 508 W. Wall ST STE 500 Midland, TX 79701		one No. (include area code) 32) 687-5100		10. Field and Pool, or Explo Bough Abo		
4. Location of Well (Report location clearly and in accordance with	any State r	equirements.*)		11. Sec., T. R. M. or Blk.ar	d Survey or Area	
At surface 1985 FNL & 1975 FEL	<i>L</i>	WATER BASIN		Sec 13, T-9-S, R-3	5-E	
At proposed prod. zone Same				12. County or Parish	13. State	
14. Distance in miles and direction from nearest town or post office* 1.5 Miles NE of Crossroads, NM				Lea	NM	
15. Distance from proposed* 1985 FNL & 1975 FE	16. N	lo. of acres in lease	17. Spacing	Unit dedicated to this well		
location to nearest property or lease line, ft. (Also to nearest drig, unit line, if any)		60 40	160			
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. None		roposed Depth 13'	ł	IA Bond No. on file Bond # 2922 Statewide #	B32644643	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) GL 4108'	22. A	pproximate date work will sta 03/30/2006	rt*	23. Estimated duration 14 days		
	24.	Attachments				
The following, completed in accordance with the requirements of Or	shore Oil a	nd Gas Order No.1, shall be a	attached to thi	s form:		
 Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest Sys SUPO shall be filed with the appropriate Forest Service Office) 	tem Lands,	 4. Bond to cover the steep of the s	the operation ication specific info	ns unless covered by an exit		
	<u> </u>	suthorized offi	<u></u>	Da	te	
25. Signature		Name (Printed/Typed) Kay Maddox (432)) 638-8475		02/28/2006	
Title Regulatory Agent		Name (Printed/Typed)		n	ate	
Approved by (Signature) /S/ James Stovall		<u>/s/ Ja</u>	mes St	tovall A	PR 2 6 200	
Title ACTINGEIELD MANAGER Application approval does not warrant or certify that the applicant	holds legs			FIELD OFFI		
conduct operations thereon. Conditions of approval, if any, are attached.		API	PROV	al for 1	YEAR	
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make i States any false, fictitious or fraudulent statements or representation	it a crime f ns as to any	or any person knowingly and matter within its jurisdiction.	willfully to r	nake to any department or a	igency of the United	
*(Instructions on page 2)						
Witness Surface Casing			of Lanc Rece	I Manaj	1/2	

Approval subject to General requirements and Special stipulations Attached

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MAR 3 2006 Carlsbad Field Offico Carlsbad, N.21.

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DISTRICT I	HADDO NH 88	240				al Resources Department		F	orm C-102
DISTRICT II 1301 W. GRAND AVENU			OIL			ION DIVIS FRANCIS DR.	ION Submi	Revised J t to Appropriate D State Lease	UNE 10, 2003 istrict Office = - 4 Copies
DISTRICT III 1000 Rio Brazos F	Rd., Aztec, N	M 87410				Mexico 87505		Fee Least	e — 3 Copies
DISTRICT IV 1220 S. ST. FRANCIS I	DR., SANTA PE,	NH 87505	WELL LO	CATION	AND ACR	EAGE DEDICATI	ON PLAT	AMENDI	ED REPORT
API	Number 25 - 020		C.	Pool Code	5	BOUGH A	Pool Name BO		
Property 356	Code		Property Name FEDERAL A 2						ber
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UL or lot No.	Section	Township	Range	Lot Idn	Feet from the		Feet from the	East/West line	County
						<u>,</u>			
Dedicated Acre	s Joint o	r Infill Co	onsolidation (Code Ur	der No.				
NO ALLO	DWABLE W	TILL BE A	SSIGNED	TO THIS	COMPLETION	UNTIL ALL INTE N APPROVED BY	RESTS HAVE BE	EN CONSOLID	ATED
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Rubicon Oil & Gas, LLC.

Federal A-2 1985' FNL and 1975' FEL Section 13, UL G, T9S, R35E Lea County, NM

Re-entry Project

Rubicon's lease covers the NE $\frac{1}{4}$ of Section 13. The subject well was picked as a re-entry candidate to Test the Abo formation. The well was plugged by Tenneco Oil Company in November of 1966.

John West Surveying Company performed a new survey on the dryhole marker to confirm the location. Boone Archaeological Services was contracted to survey the existing remnants of the location and found the area to be clear of any cultural resources on February 2, 2006.

Summary of planned operations:

- 1. Repair and upgrade old pad (200' X 200' area) and existing road.
- 2. Dig out PA'd well and plumb 7-5/8" to surface and Install 3000# wellhead.
- 3. Drill out existing plugs at Surface and 4100' in the 7-5/8" casing to the top of the 5-1/2" cutoff casing.
- 4. Dress 5-1/2" casing stub and tie back to surface with additional 5-1/2" casing.
- 5. Drill out remaining plugs and clean out to PBTD of ~9500'.
- 6. Log and evaluate potential in the Abo-Penn sections.
- 7. Perforate and stimulate prospective zones and test.
- 8. If successful build facilities and produce.

Directions to location: From Crossroads, NM, North on Hwy 206 for 2 miles, turn right or East 1.3 miles, turn right or South .5 miles, turn left or East .2 mile.

Surface owner: Tip Barnes Trust

c/o Frank Morgan 505-367-7757 Surface use agreement and consideration in place





Thirteen Point Plan for Surface Use

(Additional data for form 3160-3)

Rubicon Oil & Gas, LLC Federal A #2 Section 13, T-9-S, R-35-E 1985 FNL & 1975 FEL, Unit Ltr G Field: Bough Abo Lea County, NM

1. EXISTING ROADS - A "VICINITY MAP" and a "LOCATION VERIFCATION

MAP" by John West Surveying are attached which show the location of existing roads and the area topography.

The road log to the location is as follows:

a) From intersection of state Hwy 206 and state Hwy 508 at Crossroads NM. Go North on HWY 206, for approx 2.0 miles to Bonds rd, turn right (east) and go approx 1.4 miles then turn right (south) and go approx .4 miles.

b) Turn left (east) and go approx 1163'. Location is 150' North.

- 2. PLANNED ACCESS ROAD Existing
- 3. LOCATION OF EXISTING WELLS EXHIBIT B shows the location of other wells within a mile radius of the proposed location.
- 4. LOCATION OF PROPOSED FACILITIES This production well will be tied new facilities built on location.
- 5. LOCATION AND TYPE OF WATER SUPPLY All water (fresh or otherwise) needed for the re-entry and completion of this well will be purchased from a commercial source and trucked to the location via the existing and proposed access road. No water source wells will be drilled, and no surface water will be utilized.
- 6. SOURCE OF CONSTRUCTION MATERIALS Construction material (caliche) required for the site is available from a local source. It is not anticipated that a significant amount of material will be required as the terrain is relatively flat. Transportation will be over the existing roads.
- 7. METHODS FOR HANDLING WASTE DISPOSAL -

• Receptacles for solid wastes (paper, plastic, etc) will be provided and equipped to prevent scattering by wind, animals, etc. This waste will be hauled to an approved landfill site.

• Any other waste generated by re-entering, completion, testing of this well will be removed from the site within 30 days of the completion of drilling or testing operations.

8. ANCILLARY FACILITIES - The drilling, completion, and/or testing of this well will require no ancillary facilities.

- 9. WELLSITE LAYOUT Attached, as EXHIBITS C & D are plats showing the anticipated orientation of the pad.
- 10. PLANS FOR SURFACE RESTORATION Reclamation of the surface location will be in accordance with the requirements set forth by the BLM. As stated earlier all waste generated by this operation will be disposed of in an approved manner, and the site restored as closely as possible to its pre-operation appearance. Due to the topography of the area no problems are anticipated in achieving this status and no erosion or other detrimental effects are expected as a result of this operation.
- 11. OTHER INFORMATION The surface ownership of the drill site and the access routes are under the control/ownership of:

Bureau of Land Management

P. O. Box 1778

Carlsbad, New Mexico 88221-1778

505-234-5972

And: Tip Barnes Trust

c/o Frank Morgan (505) 367-7757

Surface Use agreement and consideration in place.

The BLM representative for this area is Stephen Smith who can be reached at the

above number.

The site was archaeologically surveyed in February, 2006. Stephen Smith, the registered archeological surveyor, should forward a copy of that report to the BLM. (see sttached)

12. OPERATORS REPRESENTATIVE – Rubicon Oil & Gas, LLC is covered by Statewide Bond #B 326 446 43 BLM Bond # 2922 Rubicon is represented by:

Brett Smith

Rubicon Oil & Gas, LLC

(432) 687-5100

Drilling Engineer:

Hal Lee

Cell (432) 664-9040

Office (432) 684-8006

13. OPERATORS CERTIFICATION

I hereby certify that I, Hal Lee -Operations Engineer, have inspected the location and access route and that I am familiar with the conditions that currently exist; that the statements made in the Re-entry package are to the best of my knowledge true and correct; and that the work associated with operations herein will be performed by Rubicon Oil & Gas, LLC and it's contractors and subcontractors in conformity with the terms and conditions of this Re-entry package. I also certify responsibility for the operations conducted on that portion of the leased lands associated with this application with bond coverage being provided under a BLM nationwide bond.

This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Hal Sec/Kn

Name and title: Hal Lee, Consulting Operations Engineer for Rubicon Oil & Gas, LLC

Signature:

.

Date:	redruary 27, 2000



VICINITY MAP



SCALE: 1" = 2 MILES

SEC. <u>13</u> TW	P. <u>9-S_</u> RGE. <u>35-E</u>
SURVEY	N.M.P.M.
COUNTY	LEA
DESCRIPTION_	1985' FNL & 1975' FEL
ELEVATION	4108'
OPERATOR	RUBICON OIL AND GAS, LLC
LEASE	FEDERAL A

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LOCATION VERIFICATION MAP

4. 1. 2. 2.





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TITLE PAGE/ABSTRACT/ NEGATIVE SITE REPORT CFO/RFO

1/03

1. 10. 494

				· · ·	·····		
1. BLM Report No. 2. Reviewer			als/Date	3. NMCRIS No.:			
	+	ACCEPTED ()	REJECTED ()	97636			
4. Type of Report	:	Negative(X)	Positive				
C (T)' (1) (1) (1)							
5.Title of Report: : Class LLC's Proposed Well Pad	III Archaeolog	gical Survey for Rub Federal A No. 2 Web	bicon Oil and Gas,	6. Fieldwork Dat	e:		
				January 31, 2	.006		
Author: Stephen Smith	· .		·	7. Report Date:	· · · ·		
	•			February 3, 2	006		
Consultant Name & Addre	ess:			9. Cultural Resou			
Boone Archaeological Ser	vices			BLM: 190-29			
2030 North Canal				l.			
Carlsbad, NM 88220				State: NM-05-			
Direct Charge: Danny Boo				10. Consultant R			
Field Personnel Name: Ste	ephen Smith			BAS 01-06-37			
Phone: (505) 885-1352							
11. Customer Name: Rub	vicon Oil and O	Gas, LLC		12. Customer Pro	iect No ·		
Responsible Individual:	Bobby Winn				Jeet 110		
Address: 508 West Wall,	Suite 500				an an an Arran an Ar Arran an Arran an Arr		
Midland, Texas	79701						
Phone: (432) 934-5668			· · · · · · · · · · · · · · · · · · ·				
13.Land Status	BLM	STATE	PRIVATE / FEDERAL MIN	OTHER	TOTAL		
a. Area Surveyed (acres)	0	0	8.26	~ 0	8.26		
b. Area of Effect (acres)	0	0	3.67	0	3.67		
14. Linear: Length: N/A		· · · ·		Width: N/A			
Block: 600 ft by 600 f	t .		•	алан алан алан алан алан алан алан алан			
15. Location: (Maps Attacl	hed if Negative	Survey)					
a. State: New Mexico							
b. County: Eddy							
c. BLM Office: Carlst	ad Field Offic	e					
d. Nearest City or Tow	n: Tatum, NM	[
e. Legal Location: T 99	S, R 35E, Secti	on 13: N½SW¼NE			·		
f. Well Pad Footages:							
g. USGS 7.5 Map Nam	e and Code Nu	umber: Crossroads,	NM (1972) 33103-E3	· ·			
				· · ·	• •		

16. Project Data:		
a. Records Search: Date of BLM File Review:	January 30, 2006	Name of Reviewer: Stephen Smith
Date of ARMS Data Review	: January 30, 2006	Name of Reviewer: Stephen Smith
Findings:		
Sites within 0.25 mile of the project area: De	uring the pre-field rec	ord search for this project it was learned
no previously recorded sites are plotted with	in 0.25 mile or one m	ile of the project area. The pre-field reco
check was supervised by Gary Navarre, BLM	A-CFO archaeologist.	
b. Description of Undertaking: January 17, 2006	5, Rubicon Oil and Ga	as, LLC contacted Boone Archaeological
Services requesting an archaeological survey f	for a well pad to serve	e the Federal A No. 2 well. On January 3
2006, Stephen Smith with Boone Archaeologi	cal Services conducte	ed an intensive pedestrian cultural survey
proposed well pad. The well pad is staked at 6	600 ft by 600 ft (8.26	acres). Access for the proposed well pad
from an existing lease road. The total area sur	rveyed is 8.26 acres, a	Ill of which is on Private land with Federa
minerals administered by the BLM-CFO.		
c. Environmental Setting:		
Topography: The project is located in a flat ar	rea, sandy soil with no	dunes
Vegetation: Mesquite, yucca, prickly pear, an	-	
Visibility: 60-65 percent due to vegetative cov		· ·
NRCS: Amarillo-Arvana association: Nearly deep and deep to soft or indurated caliche	level and gently slop	ing, sandy and loamy soils that are mode
d. Field Methods:		
Transect Interval: Transects are no greater th	an 15 meters and per	formed in a straight-line pattern
Crew Size: 1	-	
Time in Field: 3 hours		
e. Artifacts Collected: None		
17. Cultural Resource Findings: No cultural resource	ces were encountered	during the course of this survey.
a. Identification and Description: N/A		
b. Evaluation of Significance of Each Resource:	: N/A	
18. Management Summary (Recommendations): Be		ources were encountered during this surv
proposed well pad to serve the Federal A No. 2		C C
encountered during any construction related acti		
immediately notified.	<i>,</i> ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
-		
19.		
I certify that the information provided above is corre		
Responsible Archaeologist	nith	2-6-06
Signature		Date

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Survey for Rubicon Oil and Gas, LLC's Proposed Well Pad



03/10/2006 FRI 10:12 FAX 432 687 5109 Rubicon Oil and Gas +++ HAL LEE

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SURFACE AGREEMENT BLM

Rubicon Oil and Gas. LLC Well: Federal A No. 2 Section 13, T98, R35E Lea County, New Mexico

I, Frank Morgan, Trustee of the Tip Barnes Trust as surface owner of the NE/4 of Section 13, T9S, R35E, Lea County, New Mexico have agreed to a settlement of surface damages for the Federal A No. 2 and agree for the re-enter and drilling of the well.

Surface Owner:

Frank Morgan, Trustee of the Tip Barnes Trust

T.4x I.D. -75-6583670 Toust.

ROM : MADDOX OIL PROPERTIES, Inc. FAX	NO.: 4326835468	May. 03 2006 11:11AM P2
125 NI timenal On Thubbe NIM 99240	ate of New Mexico	Form C-144 June 1, 2004
strict II Encrey MI 01 W. Grand Avenue, Artesia, NM 88210	inerals and Natural Resources	
strict III Oil (For drilling and production facilities, submit to appropriate NMOCD District Office.	
) South St. Francis Dr.	For downstream facilities, submit to Santa Fe
	anta Fe, NM 87505	office
Pit or Below-Grz	ade Tank Registration or	<u>Closure</u>
is pit of below-grade tail	tk covered by a "general plan"? Ye or below-grade tank Z Closure of a pit or h	below-grade tank
erator. Rubicon Oil & Gas, LLC Telepho	nne: (432) 638-8475 e-mail addre	ss Cyquest5@yahoo.com
dress: 508 W. Wall St STE 500 Midland, T		
cility or well name: Federal A 2 _API #: 30-025-0265	4 U/L or Qtt/Qtr G Section	13 T-9-S, R-35-E
unty: Lea County Latitude 33'32'09.40" N Longitude	103' 18'39.47" W NAD: 1927 X	1983 🗋
rface Owner: Federal X State 🗌 Private 🛛 Indian 🗋		
	Below-grade tank	
128; Drilling 🗍 Production 🗍 Disposal 门		
Workover 🖾 Emergency 🗔	Construction material:	
ned 🛛 Unlined 🗌	Double-walled, with leak detection? Yes	
ner type: Synthetic 🗋 Thickness 12 mil Clay 🗋		
volume 125 bbl		
epth to ground water (vertical distance from bottom of pit to seasonal	Less than 50 foot	(20 points)
-	50 fect or more, but less than 100 feet	(10 points)
gh water elevation of ground water.)	100 feet or more	(0 points)
	Yes	(20 points)
cellhead protection area: (Less than 200 feet from a private domestic	No	(0 points)
ater source, or less than 1000 feet from all other water sources.)	Less than 200 feet	(70)
istance to surface water: (horizontal distance to all wetlands, playas,	200 feet or more, but less than 1000 feet	(20 points) (10 points)
rigation canals, ditches, and perennial and ophemeral watercourses.)		(0 points)
	1000 feet or more	
· · · · · · · · · · · · · · · · · · ·	Ranking Score (Total Points)	0
his is a pet closure: (1) Attach a diagram of the facility showing the pil's	relationship to other equipment and tanks. ((2) Indicate disposal location: (check the onsite box if
ar are burying in place) onsite 🔲 officite 🛄 If officiate, name of facility		general description of remedial action taken including
redistion start date and end date. (4) Groundwater enconstarted. No 🗌 Y		acefl, and attach sample results.
Attach soil sample tesuits and a diagram of sample locations and excavation	ions.	
Additional Comments:		
bareby certify that the information above is true and complete to the best	of my knowledge and behef. I farther certif	ty that the above described pit or below-grade tank
his been/will be constructed or closed according to MALACIP guatem	nes 🗔, a general permit 🗔, or an (attache	20) жылында острейцалаа Генн Ген
Date: May 3, 2006		"Modan
Printed Name/Title: Kay Maddox/ Regulatory Age	at Signature // ///	1/ [uuko x
Your certification and NMOCD approval of this application/closure does n	not relieve the operator of liability should the he operator of its responsibility for complianc	contents of the pri or tank containmine ground water of se with any other federal, state, or local laws and/or
aperwise endanger public loants of the environment. Most does it teneve a		
ofherwise endanger public health of the environment. Aut does a report a regulations.		1
aperwise endanger public loants of the environment. Most does it teneve a	Signature	Date:

MAY 0 4 2006

The send	er of this message has requested a read receipt. Click here	e to send a receipt.
Mull, Don	na, EMNRD	ſ
From:	Phillips, Dorothy, EMNRD	Sent: Thu 5/4/2006 8:49 AM
To:	Mull, Donna, EMNRD	
Cc:		
Subject:	RE: Financial Assurance Requirement	
Attachmen	ts:	

All have blankets and none appear on Jane's list.

From: Mull, Donna, EMNRD
Sent: Thursday, May 04, 2006 8:47 AM
To: Phillips, Dorothy, EMNRD
Cc: Macquesten, Gail, EMNRD; Sanchez, Daniel J., EMNRD
Subject: Financial Assurance Requirement

Dorothy,

Is the Financial Assurance Requirement for these Operators OK?

Pogo Producing Co (17891) Marbob Energy Corp (14049) Fasken Oil & Ranch Ltd (151416) Marathon Oil Co (14021) Chevron USA Inc (4323) Rubicon Oil & Gas LLC (194266)

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Please let me know. Thanks and have a nice day. Donna

https://webmail.state.nm.us/exchange/dmull/Inbox/RE:%20Financial%20Assurance%20Requirement.EML... 5/4/2006