Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

**OCD** Artesia

FORM APPROVED 135 010

OMB NO. 1004- Expires: July 31,	
5. Lease Serial No.	

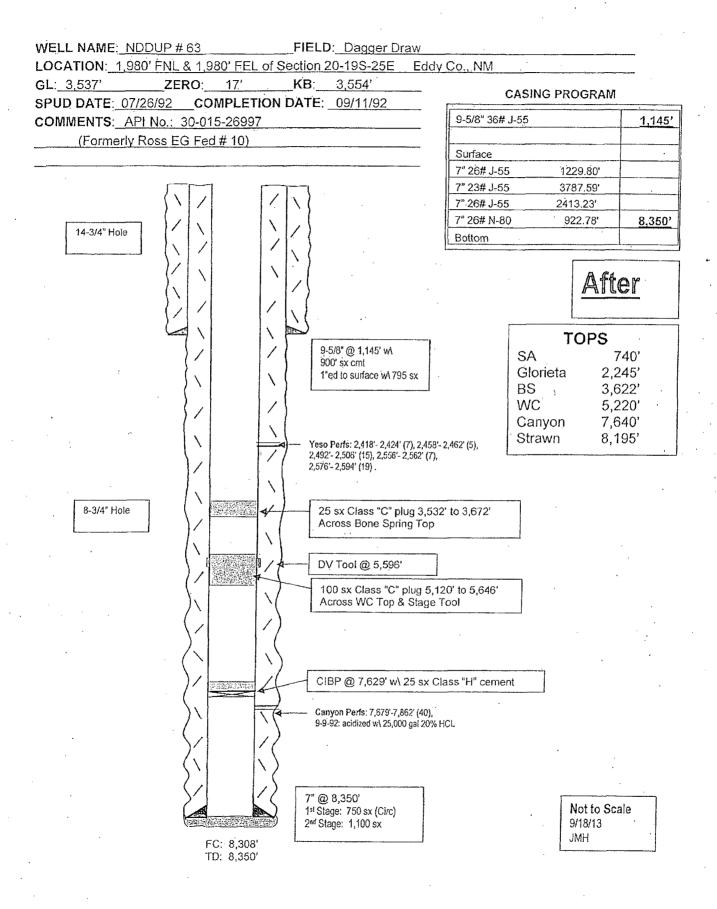
	SUNDR	Y NO	TICES	AND R	EPORT	S ON W	ELLS	
Do	not use	this fo	orm for	proposa	ls to dr	ill or to re	e-enter an	
ibai	ndoned v	vell. [	Jse forn	n 3160-3	(APD)	for such ,	proposals	

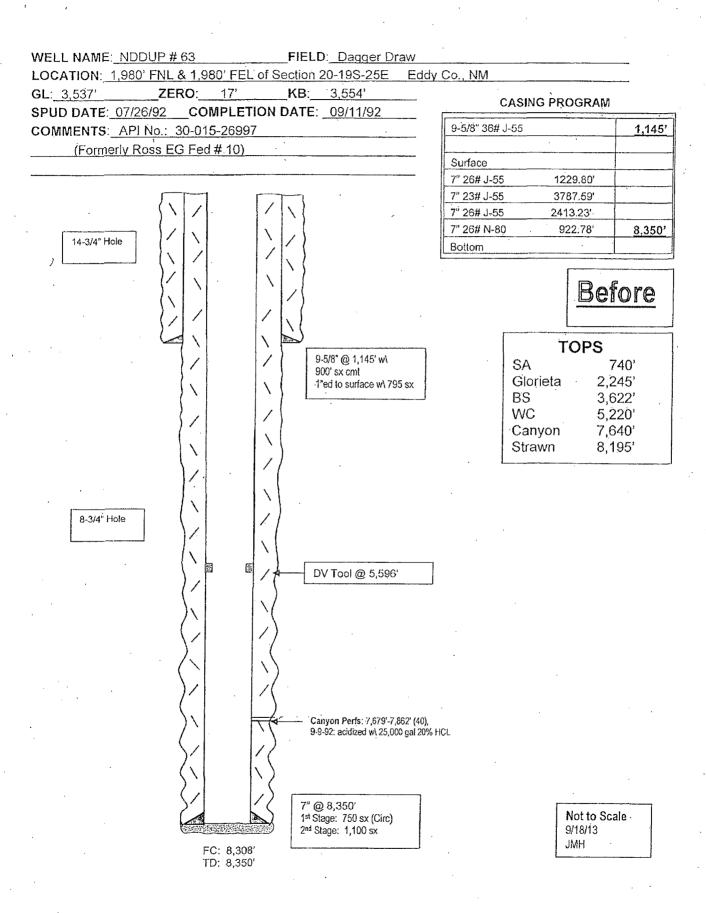
		NMNM0557142						
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.  6. If I						If Indian, Allottee or Tribe Name		
SUBMIT IN TRI	PLICATE - Other instruc	tions on reve	erse side.					
Type of Well	ner .			•				
2. Name of Operator		9. API Well No.						
	JRATIONE-Mail: laura@yate	·						
3a. Address 105 SOUTH FOURTH STREE ARTESIA, NM 88210	ET	Ph: 575-748	3-4272	e) .	N DAGGER DF	Exploratory RAW-UPPER PENN		
4. Location of Well (Footage, Sec., T	R., M., or Survey Description)				11. County or Parish,	and State		
Sec 20 T19S R25E SWNE 19	### Indian, Accided in Ties Name  ### Indian, Accided in Indian  ### Indian, Ac							
12. CHECK APPI	ROPRIATE BOX(ES) TO	INDICATE	NATURE OF	NOTICE, RI	EPORT, OR OTHE	R DATA		
TYPE OF SUBMISSION			ТҮРЕ О	F ACTION				
Notice of Intent	☐ Acidize	🗖 Deep	en	□ Product	ion (Start/Resume)	■ Water Shut-Off		
	_			☐ Reclam	ation	- · · · · · · · · · · · · · · · · · · ·		
☐ Subsequent Report		_		- •		☐ Other		
☐ Final Abandonment Notice	_ 0			-	-			
Yates Petroleum Corporation plans to plugback and recomplete this well as follows;  1. MIRU WSU and all safety equipment necessary. NU BOP. POOH with production equipment.  2. Run a gauge ring and junk basket to 7,635 ft. Set a CIBP at 7,629 ft and cap it with 25 sx of class H cement, this will place a plug over the open Canyon perforations.  3. Load the hole with plugging mud then spot a 100sx class C plug from 5,120 ft - 5,646 ft. This will leave a plug across the Wolfcamp top and the stage tool. WOC and tag; reset if necessary. Set a 25 sx class C plug from 3,532 ft - 3,672 ft across the Bone Spring top. WOC and pressure test the casing to 3000 psi.  4. Perforate Yeso 2,418 ft - 2,594 ft (53 holes).  5. Pump a fracture treatment (treating schedule attached) down the 7 inch casing limiting the surface treating pressure to 3000 psig. Set a pop off valve at 3500 psi. Over flush the bottom perforations by 600 bbls.  MAY 1 9 2014								
14. I hereby certify that the foregoing is	Electronic Submission #2 For YATES PETRO	LEUM CORPL	RÁTION, sent 1	to the Carlsba	adí			
Name (Printed/Typed) LAURA W		Title REG R	EPORTING	TECHNICIAN	D			
Signature (Electronic S	Date 04/08/2	2014	APPRUVI	07/20				
	THIS SPACE FO	R FEDERA			SÉ n	NOW IN JOURN		
			Title		MAT	IELD OFT		
which would entitle the applicant to condu	ct operations thereon.		Office	\	BUSCARLSBAU			
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent s	U.S.C. Section 1212, make it a catatements or representations as	crime for any per to any matter wi	son knowingly and hin its jurisdiction	d willfully to m	ake to thy department or	agency of the United		

			<del></del>		<del></del>	-1		<del></del>
Sta. #	Fluid	Stg. Type	Cln. Vol.	Rate (bpm)	Proppant	Conc. (lb/gal)	Stage Prop. (lbs)	Cum. Prop. (lbs)
1	Slick Water	Prepad	100	20		0.0	0	. 0
2	20% HCL	Acid	4,000	50		0.0	0	0
3	Slick Water	Prepad	2;000	100		0.0	0	0
4	Slick Water	Pad	56,000	100		0.0	0_	0
5	Slick Water	Slurry	4,500	100	100 Mesh	0.2	900	900
6	Slick Water	Sweep	4,500	100		0.0	0	900
7	Slick Water	Slurry	4,500	100	100 Mesh	0.3	1,350	2,250
8	Slick Water	Sweep	4,500	100		0.0	0	2,250
9	Slick Water	Slurry	4,500	100	100 Mesh	0.4	1,800	4,050
10	Slick Water	Sweep	4,500	100		0.0	. 0	4,050
11	Slick Water	Slurry	4,500	100	100 Mesh	0.5	2,250	6,300
12	Slick Water	Sweep	4,500	100		0.0	0	6,300
13	Slick Water	Sturry	4,500	100	100 Mesh	0.6	2,700	9,000
14	Slick Water	Sweep	4,500	100		0.0	Ö	9,000
15	Slick Water	Slurry	4,500	100	100 Mesh	0.7	3,150	12,150
16	Slick Water	Sweep	4,500	100		0.0	0	12,150
17	Slick Water	Sturry	4,500	100	100 Mesh	0.8	3,600	15,750
18	Slick Water	Sweep	4,500	100		0.0	0	15,750
19	Slick Water	Siurry	4,500	100	100 Mesh	0.9	4,050	19,800
20	Slick Water	Sweep	4,500	100		0.0	0	19,800
21	Slick Water	Slurry	4,500	100	100 Mesh	1.0	4,500	24,300
22	Slick Water	Pad .	10,700	100		0.0	0	24,300
23	Slick Water	Slurry	20,000	100	40/70 Brady	0.2	4,000	28,300
24	Slick Water	Sweep	6,000	100		0.0	0	28,300
25	Slick Water	Slurry	20,000	100	40/70 Brady	0.3	6,000	34,300
26	Slick Water	Sweep	6,000	100		0.0	0	34,300
27	Slick Water	Slurry	20,000	100	40/70 Brady	0.4	8,000	42,300
28	Slick Water	Sweep	6,000	100		0.0	0	42,300
29	Slick Water	Slurry	20,000	100	40/70 Brady	0.5	10,000	52,300
30	Slick Water	Sweep	6,000	100		0.0	0	52,300
31	Slick Water	Slurry	20,000	100	40/70 Brady	0.6	12,000	64,300
32	Slick Water	Sweep	6,000	100		0.0	0	64,300
33	Slick Water	Slurry	20.000	100	40/70 Brady	0.7	14,000	78,300
34	Slick Water	Sweep	6,000	100	1	0.0	0	78,300
35	Slick Water	Slurry	20,000	100	40/70 Brady	0.8	16,000	94,300
36	Slick Water	Sweep	6,000	100	, or o brudy	0.0	0	94,300
37	Slick Water	Slurry	23,000	100	40/70 Brady	0.9	20,700	115,000
38	Slick Water	Sweep	6,000	100		0.0	25,100	115,000
39	Slick Water	Slurry	24,000	100	40/70 Brady	1.0	24,000	139,000
40	Slick Water	Pad	17,000	100	.0.10 5/44	0.0	. 0	139,000
41	Slick Water	Slurry	17,000	100	16/30 Brady	1.0	17,000	156,000
42	Slick Water	Slurry	24,000	100	16/30 Brady	2.0	48,000	204,000
43	Slick Water	Slurry	32,000	100	16/30 Brady	3.0	96,000	300,000
44	Slick Water	Flush	30,000	100		0.0	0	300,000
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Estimated Surface Treating Pressure = 2,223 psig.

Maximum Surface Treating Pressure = 3,500 psig.





## NDDUP Unit 63 30-015-26997 Yates Petroleum Corporation May 12, 2014 Conditions of Approval

Notify BLM at 575-361-2822 a minimum of 24 hours prior to commencing work.

Work to be completed by August 12, 2014.

- 1. Operator shall set CIBP at 7,629' and place 25 sx Class H Cement on top. WOC and tag at approximately 7,452'.
- 2. Operator shall place a balanced Class C Cement plug from 5,646'-5,120' as stated by operator. WOC and tag.
- 3. Operator shall place a balanced Class C Cement plug from 3,672'-3,532' as stated by operator.
- 4. Must conduct a casing integrity test before perforating and fracturing. Submit results to BLM. The CIT is to be performed on the production casing to max treating pressure. Notify BLM if test fails.
- 5. Before casing or a liner is added or replaced, prior BLM approval of the design is required. Use notice of intent Form 3160-5.
- 6. Surface disturbance beyond the originally approved pad must have prior approval.
- 7. Closed loop system required.
- 8. All waste (i.e. drilling fluids, trash, salts, chemicals, sewage, gray water, etc.) created as a result of work over operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area. Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.
- 9. Operator to have H2S monitoring equipment on location.

- 10. A minimum of a **2000** (**2M**) BOP to be used. All blowout preventer (BOP) and related equipment (BOPE) shall comply with reasonable well control requirements. A two ram system with a blind ram and a pipe ram designed for the size of the work string shall be adequate. Tapered work strings will require an additional pipe ram. The manifold shall comply with Onshore Oil and Gas Order #2 Attachment I (2M Diagrams of Choke Manifold Equipment). The accumulator system shall have an immediately available power source to close the rams and retain 200 psi above pre-charge. The pre-charge test shall follow requirements in Onshore Order #2.
- 11. Subsequent sundry required detailing work done, a C-102 form, and completion report for the new formations. Operator to include well bore schematic of current well condition when work is complete.
- 12. Operator shall submit a sundry after recompletion for a name change removing "unit" from the name.
- 13. See attached for general requirements.

**NOTE:** Operator will no longer report production to the unit, but to the lease.

JAM 051214

## BUREAU OF LAND MANAGEMENT Carlsbad Field Office 620 East Greene Street Carlsbad, New Mexico 88220 575-234-5972

## **General Requirements for Plug Backs**

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within <u>ninety (90)</u> days from this approval.

If you are unable to plug back the well by the 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged back. Failure to do so will result in enforcement action.

- 2. <u>Notification:</u> Contact the appropriate BLM office at least 24 hours prior to the commencing of any plug back operations. For wells in Eddy County, call 575-361-2822.
- 3. <u>Blowout Preventers</u>: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.
- 4. <u>Mud Requirement:</u> Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of **brine** water. Minimum nine (9) pounds per gallon.
- 5. <u>Cement Requirement</u>: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. **Before pumping cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.** 

Unless otherwise specified in the approved procedure, the cement plug shall consist of either **Neat** Class "C", for up to 7,500 feet of depth or **Neat** Class "H", for deeper than 7,500 feet plugs.

- 6. <u>Subsequent Plug back Reporting:</u> Within 30 days after plug back work is completed, file one original and three copies of the Subsequent Report, Form 3160-5 to BLM. The report should give in detail the manner in which the plug back work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. <u>Show date work was completed.</u>
- 7. <u>Trash:</u> All trash, junk and other waste material shall 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 permitted.