

submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Sundry Notices and Reports on Wells

1. Type of Well
OIL

2. Name of Operator
King Oil

3. Address & Phone No. of Operator
1000 E. Orange Rd. - Cogen - 524 10

4. Location of Well, Footage, Sec., T, R, M
1730' FNL 280' FEL, Unit H, Sec 5-30N-17W

5. Lease Number
14-20-603-2021

6. If Indian, All. or Tribe Name
Navajo

7. Unit Agreement Name

8. Well Name & Number
Joella #1

9. API Well No.
30-045-09993

10. Field and Pool

11. County & State
San Juan County, NM

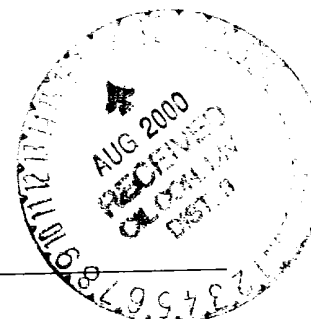
12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission	Type of Action	
<input type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other -	

13. Describe Proposed or Completed Operations

A-Plus Well Service Inc., as contractor, re- entered and then plugged and abandon this well per the attached report.

This work was done for the NMOCD Aztec District Office, contract pending.



14. I hereby certify that the foregoing is true and correct.

Signed William F. Clark Title Contractor Date 8/9/00
William F. Clark

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____
CONDITION OF APPROVAL, if any:

116 1 2000

ADMINISTRATIVE OFFICE
BY sm

NMOCD

A - PLUS WELL SERVICE, INC.

P.O. BOX 1979
FARMINGTON, NM 87499
505-325-2627 • FAX: 505-325-1211

July 27, 2000

Page 1 of 3

King Oil Company
C/o Oil Conservation Division

Joella #1

1730' FNL and 280' FEL, Section 5, T30N, R17W
San Juan County, NM
Lease #14-20-603-2021
API# 30-045-0993

Plug & Abandonment Report

Cementing Summary:

Plug #1 with 7 sxs Class B cement inside 4-1/2" casing from 429' to 334'.

Plug #2 with 10 sxs Class B cement with 2% CaCl₂ from 334' to 199'; TOH and LD tubing, then displace cement down to 226'.

Plug #3 with 26 sxs Class B cement inside the 4-1/2" from 231' to surface, circulate good cement out casing valve. TOH and LD tubing. Connect pump line to 4-1/2" casing, then mix and pump 63 sxs Class B cement with good cement returns around 4-1/2" casing.

Plug #4 with 18 sxs Class B cement from 117' to surface with good cement returns out casing valve. TOH and LD tubing. Connect pump line to 4-1/2" casing and then mix and pump 75 sxs Class B cement down the casing; did not circulate to surface.

Plug #5 with 14 sxs Class B cement from 65' to surface, circulate good cement returns out casing valve.

Plugging Summary:

7-18: Found approximately a 1" stream of water flowing up around the existing P&A marker. Used a backhoe to dig out around marker and determined water flow is outside the 4-1/2" casing. Welder cut off P&A marker and installed a 4-1/2" casing collar on the existing casing stub. Water truck sucked out cellar while welding.

7-19: Road rig and equipment to hill above location. Help spot equipment in on small location: pit, swivel, drill collars and tubing. Move rig on location and spot. Found hole in radiator on rig; SD for repairs.

7-20: Company Monthly Safety Meeting. Completed rig repairs. Re-pad operator side of rig due to settling. RU rig and drilling equipment. NU 4-1/2" x 8-5/8" wellhead and BOP, test. PU 1 3-1/8" collar (Weatherford rental) with bit sub and 3-7/8" bade bit; tag cement 1' from surface. Drill cement and iron to 7' and fell free. Rotate and wash down to 31'. Make connection and continue to wash down to 32' where it tag solid. Drill very hard from 32' to 36', observed iron cuttings in returns. RD drilling equipment. Ran in well with 2-3/8" open-ended tubing down to a solid tag at 50'. TOH with tubing, LD. Shut in well and SDFD.

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C/o Oil Conservation Division

Joella #1

1730' FNL and 280' FEL, Section 5, T30N. R17W
San Juan County, NM
Lease #14-20-603-2021, API# 30-045-0993

Plug & Abandonment Report

Plugging Summary Continued:

- 7-21:** Safety Meeting. Make up 3-7/8" tapered mill on 3-1/8" drill collar and start drilling 2' from surface; drill out to 28' circulating metal returns. POH and change out 3-7/8" mill to 3-3/4" blade bit. TIH and tag up at 50'. Drill from 50' to 429', circulating out iron and cement in returns. Pressure test casing to 600#, held OK. Circulate hole clean and PU 1 joint off bottom. Shut in well and SDFD.
- 7-24:** Safety Meeting. TIH and tag bottom at 429'. Circulate well and pressure test casing to 500#, held OK. RD drilling equipment and RU tubing equipment. TOH with tubing and LD 6 3-1/8" drill collars. RU A-Plus wireline truck and perforate 3 bi-wire squeeze holes at 410'. Attempt to establish rate into squeeze holes, pressured up to 1000# and held. TIH with tubing to 429'. Plug #1 with 7 sxs Class B cement inside 4-1/2" casing from 429' to 334'. TOH with tubing. Perforate 3 bi-wire squeeze holes at 300'. Establish very slow rate into squeeze holes (1/16 bpm at 1300#). TIH with tubing to 324'. Circulate hole with water and observed a trace of cement. Plug #2 with 10 sxs Class B cement with 2% CaCl₂ from 334' to 199'; TOH and LD tubing, then displace cement down to 226'. Shut in well and WOC. RIH with wireline and tag cement at 232'. Pressure test casing to 750#, held OK. Perforate 3 bi-wire squeeze holes at 200'. Attempt to establish rate into squeeze holes, pressured up to 1000# and held. Perforate 3 bi-wire squeeze holes at 150'. Attempt to establish rate into squeeze holes, pressured up to 1300#. Perforate 3 bi-wire squeeze holes at 100'. Establish circulation to surface outside the 4-1/2" casing. Initial pressure was 2000#, then it broke back to 800#. TIH with tubing to 231'. Plug #3 with 26 sxs Class B cement inside the 4-1/2" from 231' to surface, circulate good cement out casing valve. TOH and LD tubing. Connect pump line to 4-1/2" casing, then mix and pump 63 sxs Class B cement with good cement returns around 4-1/2" casing. Shut in well. Open up well and displace cement to 128', water still flowing outside the 4-1/2" casing.
- 7-25:** Safety Meeting. Found water flowing outside the 4-1/2" casing. TIH with tubing and tag cement at 32'. Pump 1/4 bbl water and pressure test casing to 1100#, bled off to 0# in 20 min. RU drilling equipment. PU 3-1/8" collars and drill cement stringer at 32'. TIH and tag solid at 95'; drill out cement to 117'. RD drilling equipment and RU tubing equipment; LD 4 3-1/8" collars. Attempt to establish rate into squeeze holes at 100', bled down from 2000# to 900# in 30min. RU A-Plus wireline truck and perforate 2 bi-wire squeeze holes at 90'. Establish rate into squeeze holes 1-1/2 bpm at 400#.

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C/o Oil Conservation Division

Joella #1

1730' FNL and 280' FEL, Section 5, T30N, R17W
San Juan County, NM
Lease #14-20-603-2021, API# 30-045-0993

Plug & Abandonment Report

Plugging Summary Continued:

- 7-25: Continued: TIH with tubing to 117'. Plug #4 with 18 sxs Class B cement from 117' to surface with good cement returns out casing valve. TOH and LD tubing. Connect pump line to 4-1/2" casing and then mix and pump 75 sxs Class B cement down the casing; did not circulate to surface. Displace cement to 64' and shut in well. SDFD.
- 7-26: Safety Meeting. Open up well; no water flow. Pressure test casing to 1,200#, held OK. PU tubing and tag cement at 65'. Plug #5 with 14 sxs Class B cement from 65' to surface. circulate good cement returns out casing valve. TOH and LD tubing. RD tubing equipment and ND BO with wellhead. Screw P&A marker into 4-1/2" casing collar. RD rig and equipment; move off location. Road rig and equipment to A-Plus' yard. Charlie Perrin with NMOCD was on location and approved the plugging activities.

Daily Report

A - PLUS WELL SERVICE

P.O. BOX 1979 • FARMINGTON, NM 87499
505-325-2627 • FAX (505) 325-1211

Rig No 4

Date July 18 2000

Well No. Jella #1 Location Soc 5 T3CN R1W Company NMOCO

FROM	TO	DESCRIPTION OF OPERATION
7:30am		Met with Ben Hendrick & Charley Perrin
7:45am		AT A-Plus Office
7:45am		Drove to loc. - Jella #1 Ben Hendrick was Leader the
8:45am		Charley & Myself Look at the Loc. to see which way was Best to Spot Rig & Equipment & Dig up Around Well - Ditch water to Pit Ben Hendrick Cleared Loc dug Around Well Head. ditched off water Fix Pit to Hold Water made Pad to spot Rig & Equipment & LA. 2 3/4 TBG & Drill collars & made small Road to West to set 12 noon Anchors for Anchor Truck. Return to Yard
2:30pm		Sent Fred w/welder & slip on collar 4 1/2" to well w/ Le Roy & ISS down to loc.
3:30pm		Fred cut off dryhole marks & Le Roy Pull Water from Around Well w/ ISS water Truck.
4pm		Then weld on 4 1/2" collar then sent Fred & Le Roy to yard wait on L & R to set Anchor & show him where to set Anchor without getting stuck.
5:30pm		Return to Town

Fuel & Motor Oil _____ Water Hauled _____

Rental Equipment _____ Cement Retainers _____

Cementing

Wireline _____

CREW	NAME	UNIT #	MILEAGE	HOURS
Supervisor	GA Jones			

1950-1951

16659

Rig No 4

Date Wednesday, July 19, 2000

Well No. Joella #1 Location Sec 5 T30N R17W Company Reedy NMCO

Fuel & Motor Oil _____ Water Hauled 1000 - 2000
Rental Equipment _____ Cement Retainers _____
Cementing _____
Wireline _____

CREW	NAME	UNIT #	MILEAGE	HOURS
Supervisor	George H. Tavel	24		
Operator	H. Felt	16		8 1/2
Helper	M. Felt			8 1/2
Helper	R. Hansen			8 1/2
Helper				1

100

16660

Rig No 54

Date Thu 7-16-20

Well No J-008 / Location _____ Company NMCCO

Fuel & Motor Oil _____ Water Hauled _____

Rental Equipment _____ Cement Retainers _____

Cementing

Wireline

CREW	NAME	UNIT #	MILEAGE	HOURS
Supervisor	B. Whiting	55		
Operator	H. Field	16		12
Helper	R. Harrison			12
Helper	M. Field			12
Helper	D. F. F. F. F.			12

JP5

Date 1-20-2000

Daily Report

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16661

Rig No _____

Date 1.1.200

Well No 50-007 Location _____ Company WELCO

[illegible]

Fuel & Motor Oil _____ Water Hauled _____

Rental Equipment _____ Cement Retainers _____

Cementing _____

Wireline _____

CREW	NAME	UNIT #	MILEAGE	HOURS
Supervisor	B. J. [unclear]	1		
Operator	[unclear]	2		
Helper	[unclear]	3		1.5
Helper	[unclear]	4		1.5
Helper	[unclear]	5		1.5
Helper	[unclear]	6		1.5

GAS.

Date 1-11-2000

Well No 3-1-1 Location _____ Company W. J. O'Neil

FROM	TO	DESCRIPTION OF OPERATION
6:00	6:15	DRILLING
6:15	6:30	DRILLING
6:30	7:30	DRILLING
7:30	7:45	DRILLING
7:45	8:30	DRILLING
8:30	9:30	DRILLING
9:30	9:45	DRILLING
9:45	10:00	DRILLING
10:00	10:15	DRILLING
10:15	10:30	DRILLING
10:30	10:45	DRILLING
10:45	11:00	DRILLING
11:00	11:15	DRILLING
11:15	11:30	DRILLING
11:30	11:45	DRILLING
11:45	12:00	DRILLING
12:00	12:15	DRILLING
12:15	12:30	DRILLING
12:30	12:45	DRILLING
12:45	1:00	DRILLING
1:00	1:15	DRILLING
1:15	1:30	DRILLING
1:30	1:45	DRILLING
1:45	2:00	DRILLING
2:00	2:15	DRILLING
2:15	2:30	DRILLING
2:30	2:45	DRILLING
2:45	3:00	DRILLING
3:00	3:15	DRILLING
3:15	3:30	DRILLING
3:30	3:45	DRILLING
3:45	4:00	DRILLING
4:00	4:15	DRILLING
4:15	4:30	DRILLING
4:30	4:45	DRILLING
4:45	5:00	DRILLING
5:00	5:15	DRILLING
5:15	5:30	DRILLING
5:30	5:45	DRILLING
5:45	6:00	DRILLING

Fuel & Motor Oil _____ Water Hauled 12 7 3

Rental Equipment _____ Cement Retainers _____

Cementing P-23-31 SKS

Wireline 3-1/16" x 30' + 200' + 30' x 100'

CREW	NAME	UNIT #	MILEAGE	HOURS
Supervisor	W. J. [unclear]	5		
Operator	[unclear]	1		1.5
Helper	[unclear]			1.5
Helper	[unclear]			1.5
Helper	[unclear]			1.5

Daily Report

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P.O. BOX 1979 • FARMINGTON, NM 87499

505-325-2627 • FAX (505) 325-1211

16603

Rig No 1

Date _____

Well No 2044 Location _____ Company Surco

Company Smith Co

[illegible]

Fuel & Motor Oil _____ Water Hauled _____

Rental Equipment _____ Cement Retainers _____

Cementing 2-4

Wireline 11/1

CREW	NAME	UNIT #	MILEAGE	HOURS
Supervisor	W. J. ...	1		
Operator	...			
Helper	...			
Helper	...			
Helper	...			

RCI 029643A

Date _____

Daily Report

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1666

Rig No _____

Date _____

Well No. 5-06-1 Location _____ Company W.C.O.

[illegible]

Fuel & Motor Oil _____ Water Hauled 905

Rental Equipment _____ Cement Retainers _____

Cementing 3.5 _____

Wireline

CREW	NAME	UNIT #	MILEAGE	HOURS
Supervisor				
Operator				
Helper				
Helper				
Helper				

Date 5-20-83