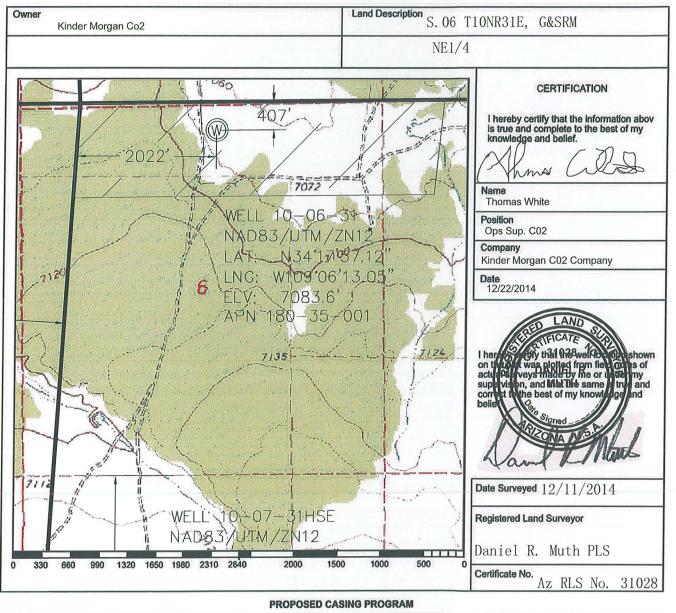
## APPLICATION FOR PERMIT TO DRILL OR RE-ENTER

APPLICATION TO DRILL		RE-ENTER OLD WELL			
NAME OF COMPANY OR OPERATOR					
Kinder Morgan C02 Company L.P					
Address	City	1	State	Phone Number	
830 E. Main St. Suite 220, Springerville AZ. 85	938			928-333-0100	
<b>Drilling Contractor</b> Aztec Drilling					
Address Farmington N.M					
10.10	DESCRIPTION OF	F WELL AND LEASE			
Federal, State or Indian Lease Number, or if fee lease, r Prize Energy	ame of lessor	Well number 10-06-		Elevation (ground) 7083. 6'	
Nearest distance from proposed location to property or k	sase line;	Distance from proposed loc well on the same lease:	etion to nearse	t drilling, completed or applied-for	
	2022 feet	N/A		feet	
Number of acres in lease		Number of wells on lease, in	ncluding this we	all, completed in or drilling to this reservoir:	
640 a	cres +/-		N/A		
If lease purchased with one or more wells drilled, from whom purchased.		Add	ress		
Well location (give footage from section lines) 2022' FWL & 407' FNL		ship - Range or Block and Surv ONR31E, G&SRM	өу	Dedication per A.A.C. R12-7-104(A)(3) 640	
Field and reservoir (if wildcat, so state)		County			
St. Johns Gas Unit  Distance in miles and direction from nearest town or pos	t office	APACHE			
From Springerville P.O. N41°		iles	- Even		
Proposed depth: 3000 ' =+/-	Rotary or cable tools Rotary		Approximate date work will start Feb. 1 2015		
Bond status on File Amount	Organization Report On file Or	attached	Filing Fee of \$25.00 Attached Mailed		
Remarks API # 02-001-204  Please see attached well prognosis	96				
CERTIFICATE: I, the undersigned, under the po- Kinder Morgan C02	(company), an	nd that I am authorized by s	ald company	of the	
report was prepared under my supervision and d	irection and that the facts	Khn		iplete to the best of my knowledge.	
Mail completed form to: Oil and Gas Program Administrator		<b>Signature</b> 12/22/2014			
Mail completed form to: Oil and Gas Program Administrator Artzons Geological Survey 418 W. Congress, #100 Tueson, AZ 85701-1315		Date			
Permit Number: // 97		S1	TATE OF A	RIZONA	
Approval Date: /-19-20	/5	OIL & GAS C	ONSERVA	TION COMMISSION	
Approved By: 56 Par	3	Appl		l or Re-enter	
NOTICE: Before sending in this form be sure that you requested. Much unnecessary corresponder	have given all information nos will thus be avoided.	Form No. 3	File Two C	opies	

5/96

- 1. Operator shall outline on the plat the acreage dedicated to the well in compliance with A.A.C. R12-7-107.
- 2. A registered surveyor shall show on the plat the location of the well and certify this information in the space provided.
- 3. ALL DISTANCES SHOWN ON THE PLAT MUST BE FROM THE OUTER BOUNDARIES OF THE SECTION.
- 4. Is the operator the only owner in the dedicated acreage outlined on the plat below? YES \_\_\_\_\_ NO \_\_\_\_
- 5. If the answer to question four is no, have the interests of all owners been consolidated by communitization agreement or otherwise?

  YES \_\_\_\_\_ NO \_\_\_\_ If answer is yes, give type of consolidation \_\_\_\_\_\_
- 6. If the answer to question four is no, list all the owners and their respective interests below:



Size of Casing See well prognosis	Weight	Grade & Type	Тор	Bottom	Cementing Depths	Sacks Cement	Туре



### DRILLING PROGNOSIS

WELL: SJGU 10-6-31

1197

SURFACE LOCATION: NE 1/4, S. 6 T10N R31E, G&SRM Apache County, Arizona

407' FNL & 2022' FWL Longitude: W 109° 06' 13.05" Latitude: N 34° 17' 57.12" FIELD: St Johns Gas Unit

API# 02-001-xxxxx 20496

OBJECTIVE: Precambrian Grantie

ELEVATION: 7,084 ft

# A FOCUSED EFFORT WILL BE EXPECTED BY ALL PARTIES TO ELIMINATE ANY / ALL ACCIDENTS DURING THE EXECUTION OF THIS DRILLING PROJECT.

#### GEOLOGY / FORMATION TOPS

FORM	DEPTH TVD	CASING PROFILE	HOLE	CASING	
TOKIII	80'	T NOTICE	JILL	Conductor	
San Andres Glorietta/Coconino	240		17-1/2"	13-3/8" 54.5-ppf J-55 STC Adapt to conditions, recommend set at Glorietta	
Corduroy/Yeso	692		12-1/4"	9-5/8" 36-ppf J55 STC	
Ft. Apache	1660			Set 9-5/8" casing in top of Amos Wash	
Oak Creek Amos Wash/Abo	2012 2023 2 443		8-3/4"	7" 23-ppf J55 STC	
Fractured Granite	2,443'		6-1/8"	Open Hole	
Proposed TD	2,578'				

#### WELL PROGRAM

#### DRILLING PROCEDURE:

Drill a 17.5" hole to +/- 500' TVD, set 13-3/8" casing and conventionally cement to surface.

NOTES: Drill with spud mud to the top of the Glorietta/Coconino formation. Lost circulation is likely. In the event of full losses, short trip to conductor and switch to air to TD hole section. Casing seat must be located by mud loggers and verified by Kinder Morgan Geologist.

Drill a 12-1/4" hole to +/- 1,750' TVD, set 9-5/8" casing and conventionally cement to surface.

NOTES: Drill with native water based mud. Glorietta/Cocinino and Supai may flow water; therefore, mud wt. should be raised accordingly (8.5-9.1 ppg). This section of hole will encounter water entry, lost circulation and formation sand influx that seriously will bridge and stick DP; adjust mud recipe as needed in response to hole conditions. Consult Geologist for casing seat in top of Amos Wash.

Drill a 8-3/4" hole with mud to +/- 2,443' TVD, set 7" casing and conventionally cement in 2 stages to surface.

**NOTES:** Drill with NaCl mud through Big A Butte and Amos Wash. Consult geologist for casing seat in top of Granite.

Drill a 6-1/8" hole with air to +/- 2,578' TVD, log Granite

NOTES: Drill with air and stiff foam mixture through Reform managed pressure equipment. Will need to spot 4% NaCl brine as a logging fluid. After logs are ran clean out to TD with air and dry out well bore, monitor for CO2 flow.

#### CASING / CEMENTING DETAILS:

Designed TOC for casing strings @ surface

20" Conductor  $\Rightarrow$  0' - 80'

Cement: Ready Mix to surface Circulate to surface

13-3/8" 54.5# J-55 STC => 0'-500'

Cement: Conventional => See Detailed Job Recommendation

9-5/8" 36# J-55 LTC => 0'-1,750"

Cement: Conventional => See detailed Job Recommendation.

7" 23# J-55 LTC => 0' - 2,443'

Cement: Conventional => See detailed Job Recommendation Centralizers on 1<sup>st</sup> and 3<sup>rd</sup> joint above and below DV Tool/ECP (4)

Program was prepared using predicted mud weights and properties. It is to serve as a guideline only and should be adjusted based on actual conditions.