

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*5. Lease Serial No.  
NMNM0558959

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**7. If Unit or CA/Agreement, Name and/or No.  
890009562

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other: INJECTION8. Well Name and No.  
OBSERVAT WELL 03

2. Name of Operator

EL PASO NATURAL GAS COMPANY E-Mail: anthony\_trinko@kindermorgan.com

Contact: ANTHONY P TRINKO

9. API Well No.

30-015-20659-00-S1

3a. Address

COLORADO SPRINGS, CO 80944

3b. Phone No. (include area code)

Ph: 719-520-4557

10. Field and Pool, or Exploratory  
WASHINGTON

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 4 T26S R24E SENE

11. County or Parish, and State

EDDY COUNTY, NM

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

BLM Bond No. on File: 400JF2507

12/15/15: RU workover unit, pump, and tank. 200 psi on casing. 2,300 psi on tubing. Bleed surface restoration is completed. Pump unable to pump into well. Call for kill truck. L&E kill truck on location. Pump @ 2,200 psi at 3/4 BPM. 26 bbls fluid pumped. 300 psi. 40 bbls fluid pumped. 0 psi. Total 80 bbls pumped, 700 psi. (Fluid pumped was brine water) Tubing on vacuum. Pull wellhead bolts and hanger locks. Installed BOP. Released packer. Land tubing sub in BOP. Shut-in BOP/tubing with TIW valve. SDFN.  
12/16/15: 20 psi on casing, tubing on slight vacuum. POOH with tubing and tally out. Out of hole with Model R packer. RIH w/4.35" gauge ring. Tag @ 6,883'. RIH w/CIBP. Fluid level 970' from surface. Set CIBP @ 6,822'. Run 5 sacks cement w/dump bailer for a total of 54' of cement on top of CIBP. Secure wellhead. SDFN.

Accepted as to plugging of the well bore.  
Liability under bond is retained untilNM OIL CONSERVATION  
ARTESIA DISTRICT

FEB 08 2016

RECEIVED

6-20-16

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

Electronic Submission #329476 verified by the BLM Well Information System

For EL PASO NATURAL GAS COMPANY, sent to the Carlsbad

Committed to AFMSS for processing by PRISCILLA PEREZ on 01/25/2016 (16EF0006SE)

Name (Printed/Typed) ANTHONY P TRINKO

Title SR. RESERVOIR ENGINEER

UD 2/16/16

Signature (Electronic Submission)

Date 01/22/2016

Accepted for record  
NMDCO**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By

James R. Pinos

Title

SPE7

Date

1-28-16

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

CFD

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

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

## Additional data for EC transaction #329476 that would not fit on the form

### 32. Additional remarks, continued

12/17/15: Well dead. RIH with sinker bar to tag cement. Tag cement @ 6,771'. Approved by BLM representative. Ran bond log. Sent log and stand by. Perforated @ 760'. RIH to 6,752' w/tubing. Circulate hole w/brine water and bentonite. (140 bbls total fluid) Layed down 14 joints of tubing to rack. Pumped 70 sack cement plug @ 6,310'. Pulled 20 stands to derrick. Reverse 60 bbls to pit.

12/18/15: Run tubing into the hole to tag plug. Tag @ 5,580'. Lay down tubing and mix mud. Pump 35 sacks of cement @ 5,550'. Plug down. Pull 10 stands and reverse to tank. Tag @ 5,205'. Witnessed by BLM inspector. Lay down tubing. Pump plug @ 3,659'. (25 sacks) Pull 10 stands and reverse to tank. Secure wellhead and SDFN.

12/19/15: RIH and tag cement plug @ 3,427'. Lay down tubing. Pump 25 sack plug @ 1,703'. Pulled 10 stands and reverse to tank. Tag cement @ 1,430'. Pulled tubing with 630' of tubing in derrick, lay remainder of tubing down. Secure wellhead. SDFN.

12/20/15: PU tension packer and RIH to 637'. Injection test: Pumped 1/2 bbl, pressure increased to 1,000 psi. Break Halliburton line at wellhead to determine if cement line was frozen. No freeze plugs. Re-tested to 1,000 psi. 500 psi bled off in 5 min. Talked to BLM representative and agreement made-unable to squeeze perfs @ 760'. Release packer & POOH. Removed BOP. Installed Washington head. RIH w/820' of tubing. Pumped 55 sack cement plug into casing with a base at 810' with full cement returns to surface. Lay down tubing. Tied onto casing and pumped 90 sacks cement down the casing and out the perforations. Cement squeezed and pressured up on the plugs. Plugs holding; no pressure loss. Top off casing with cement to surface. Re-top off to surface with cement. Casing standing full. Clean up tanks and rig down Halliburton. Rig down reverse pump. Load out part of rig. Off location.

The Road to Excellence Starts with Safety

Sold To #: 370861	Ship To #: 3711494	Quote #: 0022141243	Sales Order #: 0902996859
Customer: EPNG A KINDER MORGAN COMPANY		Customer Rep:	
Well Name: Washington Ranch OBS	Well #: 3	API/UWI #: 30-015-20659	
Field:	City (SAP): WHITES CITY	County/Parish: EDDY	State: NEW MEXICO
Legal Description:			
Contractor:		Rig/Platform Name/Num:	
Job BOM: 7528			
Well Type: STORAGE			
Sales Person: HALAMERICA\HX32139		Srv Supervisor:	
Job			

Formation Name			
Formation Depth (MD)	Top		Bottom
Form Type			BHST
Job depth MD	6310ft		Job Depth TVD
Water Depth			Wk Ht Above Floor
Perforation Depth (MD)	From		To

### Well Data

Description	New / Used	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Casing		8.625	8.097	24			0	709		
Tubing		2.375	1.995				0	6310		
Casing		5.5	4.95				0	7109		
Open Hole Section			7.875				709	760		

### Tools and Accessories

Type	Size in	Qty	Make	Depth ft	Type	Size in	Qty	Make
Guide Shoe	2.375				Top Plug	2.375		HES
Float Shoe	2.375				Bottom Plug	2.375		HES
Float Collar	2.375				SSR plug set	2.375		HES
Insert Float	2.375				Plug Container	2.375		HES
Stage Tool	2.375				Centralizers	2.375		HES

### Miscellaneous Materials

Gelling Agt	Conc	Surfactant	Conc	Acid Type	Qty	Conc
Treatment Fld	Conc	Inhibitor	Conc	Sand Type	Size	Qty

### Fluid Data

Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
1	1st Plug 5700-6300	HALCEM (TM) SYSTEM	70	sack	14.8	1.342		3	6.43
1 %		CALCIUM CHLORIDE, PELLET, 50 LB (101509387)							

# HALLIBURTON

## Cementing Job Summary

Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
2	2nd Plug 5300-5550	HALCEM (TM) SYSTEM	35	sack	14.8	1.342		3	6.43
1 %		CALCIUM CHLORIDE, PELLET, 50 LB (101509387)							
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
3	3rd Plug 3500-3650	HALCEM (TM) SYSTEM	25	sack	14.8	1.342		3	6.43
1 %		CALCIUM CHLORIDE, PELLET, 50 LB (101509387)							
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
4	4th Plug 1550-1700	HALCEM (TM) SYSTEM	25	sack	14.8	1.357		3	6.53
2 %		CALCIUM CHLORIDE, PELLET, 50 LB (101509387)							
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
5	5th Plug 600-760	HALCEM (TM) SYSTEM	55	sack	14.8	1.357		3	6.53
2 %		CALCIUM CHLORIDE, PELLET, 50 LB (101509387)							
Fluid #	Stage Type	Fluid Name	Qty	Qty UoM	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sack	Mix Fluid Gal	Rate bbl/min	Total Mix Fluid Gal
6	6th Plug 400'	HALCEM (TM) SYSTEM	90	sack	14.8	1.357		3	6.53
2 %		CALCIUM CHLORIDE, PELLET, 50 LB (101509387)							
Cement Left In Pipe		Amount	ft	Reason				Shoe Joint	
Mix Water: pH ##		Mix Water Chloride: ## ppm			Mix Water Temperature: ## °F °C				
Cement Temperature: ## °F °C		Plug Displaced by: ## lb/gal kg/m3 XXXX			Disp. Temperature: ## °F °C				
Plug Bumped? Yes/No		Bump Pressure: #### psi MPa			Floats Held? Yes/No				
Cement Returns: ## bbl m3		Returns Density: ## lb/gal kg/m3			Returns Temperature: ## °F °C				
Comment									

# El Paso Natural Gas

LEASE: Washington Ranch OBS #3  
 FIELD: Washington Ranch **Final plugged wellbore**  
 COUNTY: Eddy  
 STATE: New Mexico  
 LOCATION: 4 26S 24E  
 API #: 30-015-20659-00  
 SPUD DATE: 05/17/1972  
 Rev. Date 1/11/2016 Lively

## ELEVATION:

G.L.: 3764' KB: 3780'  
 TD: 7109' GL PBD: 6914' GL

*Well capped off at 4 feet down, marker installed, sticking 6 feet up with legal description on the plate. (A)*

*Squeeze holes were shot at 760', tubing and packer ran in, but unable to pump into holes. So a 55 sack cement plug was pumped in the casing with a base at 810'. full cement returns to surface up the casing. Tied onto the casing after pulling tubing out, mixed 90 sacks, pumped down the casing, and out the perforations. Cement squeezed and pressured up on the plugs. Plugs holding, no pressure loss. (B)*

*Set a 25 sack cement plug with a base of 1703'. Tagged cement at 1430'. (C)*

*Set a 25 sack cement plug with a base at 3659'. Tagged plug at 3427'. (D)*

*Set a 35 sack cement plug with a base at 5550'. Tagged plug @ 5205'. (E)*

*Set a 70 sack cement plug with a base of 6310'. Tagged plug at 5580'. (F)*

*CIBP @ 6822' with 5 sacks of cement on top. Tagged cement on top of CIBP @ 6771'. (G)*

*Hole was filled with 9.2# fluid, brine water mixed with benonite.*

Perfs 6874' - 6888' GL w/ 2 SPF

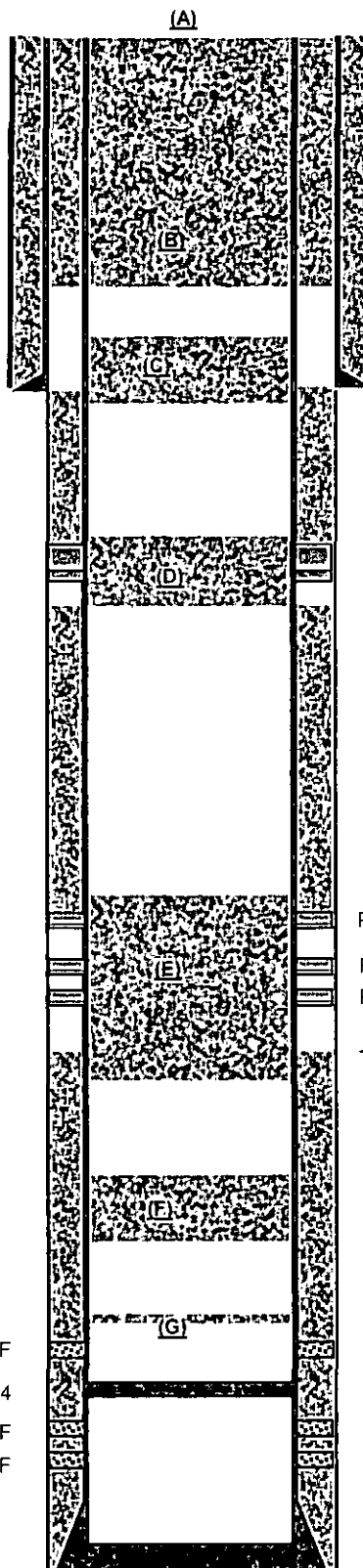
Baker LOK-SET RBP set @ 6914' GL on 6/25/74

Perfs 6937' - 6948' GL w/ 2 SPF

Perfs 7008' - 7023' GL w/ 2 SPF

PBD @ 7063' GL

TD 7-7/8" hole @ 7109' GL



Cmt'd w/ 175 sxs Calcolite & 150 sxs Class C. Cmt Circ.

18 jts, 8-5/8", 24#, 8R csg set @ 709' GL

TD 11" Hole @ 709' GL

Spot 30 sxs Class C between 1276' & 1574' GL on 9/19/95

Sqz below 1361' GL w/ 100 sxs Class C on 9/16/95

Sqz w/ 100 sxs Class C on 9/14/95  
 Leak between 1644' & 1676' GL

Sqz w/ 600 sxs lite and 100 sxs Class C.

Perf 2 sqz holes @ 5424' GL

Perf 2 sqz holes @ 5494' GL, could not pump into  
 Perf 2 sqz holes @ 5524' GL, could not pump into

TOC @ 5580' GL, from CBL on 3/23/95

Cemented w/ 300 sxs Class C

4 jts, 5-1/2", 14#, K55, 8R, ST&C csg from 0 - 82', 2 jts, 5-1/2", 15.5#, K55, 8R, ST&C csg from 82' - 148', 157 jts, 5-1/2", 14#, K55, 8R, ST&C csg from 148' - 5176", 60 jts, 5-1/2", 15.5#, K55, 8R ST&C csg from 5176' - 7109' GL



# Sales Service Ticket

Total Price USD: \$18,087.03

**BHI Wireline Services**  
6165 W MURPHY STREET  
ODESSA  
TX 79763  
Mgr: SAM AGUIRRE  
Tel: (432) 248-3000  
Fax:

KINDER MORGAN INC  
1001 LOUISIANA ST, STE 100  
HOUSTON  
TX 77002  
Tel: 713 369 9000  
Fax:

Customer Rep: Jim Vedsted  
Customer No: 40032954  
Customer PO#:   
Well Master #: 0061842405  
Field Name: Washington Ranch Storage  
Well Name: BR-FEDERAL 4 1 (Washington Ranch OBS # 3)

SO No.: 0007726782  
SST No.: US101282M  
Contract No.:  
Contract Type:  
Service Date: 17-Dec-15

GPI	Code	Description	Charge Type	Qty	U/Price	Gross	Net
SCCH	ZA00	Completion Ops Service Charge	General Charges	1	2,783.00	2,783.00	834.90
ENVCOM	ZA00	Environmental / Compliance	General Charges	1	250.00	250.00	250.00
DOT	ZA00	DOT Vehicular Surcharge	General Charges	2	100.00	200.00	200.00
TC-E	ZA00	Transportation Fuel Surcharge	General Charges	2	450.00	900.00	900.00
SCCH	ZA06	Completion Ops Service Charge	Wireline Run Charge	6	15.00	90.00	90.00
JCGR-A.100	ZA01	Junk Catcher / Gauge Ring	Depth Charge	6,885	0.39	2,685.15	805.54
JCGR-A.100	ZA03	Junk Catcher / Gauge Ring	Operating Charge	1	553.00	553.00	165.90
BP20-A.100	ZA01	Bridge Plug Setting tool	Depth Charge	6,822	0.64	4,366.08	1,309.82
BP20-A.100	ZA03	Bridge Plug Setting tool	Operating Charge	1	1,211.00	1,211.00	363.30
BP20-A.100	ZBSB	Bridge Plug Setting tool	Slow Burn Power	1	210.00	210.00	210.00
DB-A.100	ZA01	Dump Bailer	Depth Charge	20,406	0.34	6,938.04	2,081.41
DB-A.100	Z533	Dump Bailer	Cementing Kit	11	280.00	3,080.00	3,080.00
RAL-B.200	ZA01	RAL with Cement Map	Depth Charge	6,755	0.89	6,011.95	1,803.58
RAL-B.200	ZA02	RAL with Cement Map	Logging Charge	6,755	1.76	11,888.80	3,566.64
GR-E.250	ZA01	Gamma Ray (Combined)	Depth Charge	6,755	0.28	1,891.40	567.42
GR-E.250	ZA02	Gamma Ray (Combined)	Logging Charge	6,755	0.28	1,891.40	567.42
BP20-A.100	Z470	Bridge Plug Setting tool < 6"	Bridge Plug Charge	1	750.00	750.00	750.00
DB-A.100	ZA03	Dump Bailer	Operating Charge	1	637.00	637.00	191.10
E156-C.000	Z605	1-9/16 in EHC Commercial	Per Shot	8	0.00	0.00	0.00
E156-C.000	ZA01	1-9/16 in EHC Commercial	Depth Charge	760	0.50	380.00	350.00
E156-C.000	ZA25	1-9/16 in EHC Commercial	Perforating Interval	2	0.00	0.00	0.00

Total Gross USD: \$46,716.82

Total Net USD: \$18,087.03

The services and products will be provided under the attached Baker Hughes Incorporated Worldwide Terms and Conditions. By requesting that Baker Hughes provide the services and products described herein, Customer accepts all of the terms and conditions of this proposal, including the attached Baker Hughes Incorporated Worldwide Terms and Conditions. In the event that Customer and Baker Hughes have executed a Master Services Agreement covering the services and products to be provided, such Master Services Agreement shall govern in place of the Baker Hughes Worldwide Terms and Conditions.

## Comments:

24 L Minimum charge at 2000 ft.

17-Dec-2015

Signature by BHI

Date

Print Name

17-Dec-2015

Signature for Customer

Date

Print Name

Scheduled: 16-Dec-15 0:00

Arrive Location: 16-Dec-15 12:15

Well to BHI: 16-Dec-15 12:15

Well to Customer: 17-Dec-15 16:50

Depart Location: 17-Dec-15 16:50

Operating Time: 7.00

Lost Time: 0.00

Unless stated otherwise in Baker Hughes' quotation, the prices set forth herein do not include any taxes and freight charges, which shall be separately stated in the invoice and paid by the Customer to Baker Hughes

EXCELLENT	<input type="checkbox"/>	SATISFACTORY	<input type="checkbox"/>	POOR	<input type="checkbox"/>
GOOD	<input type="checkbox"/>	FAIR	<input type="checkbox"/>		