Form 3160-4 CAPTH 2010 DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT												-		
18. Type of Well				DEPARTA	MENT OF THE	E INTERIOR	/				OMBNO.	1004-0137		
Nys of Completion:		WELL (COMPLE	TION OR	RECOMPLE.	TION REPOF	RT AND LO	G	5.	Lease	Serial No. SF-078095	Α		
2. Name of Operator QUESTAR EXPLORATION & PRODUCTION CO. 3. Address 1650 17TH STREET, SUITE 500 DENVER, CO 80265 3. Address 1650 17TH STREET, SUITE 500 DENVER, CO 80265 4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 1418 FSL & 1267 FEL At top prod. interval reported below At total depth SAME 16. Date Completed 10,729/2005 17. County or Parish II. Sair, SAN JUAN NM 14. Date Spudded 99/05/2005 15. Date T.D. Reached 99/16/2005 17. TVD 16. Date Completed 10,729/2005 17. Sell-vations (DF, RRB, RT, GL)* 6230* GL 6243* KB 18. Total Depth: MD 7450* 19. Plug Back T.D.: MD 7395* 20. Depth Bridge Plug Set. MD N/A 17. TVD 21. Type Electric & Other Mechanical Logs Run (Submit copy) of each) 17. TVD 22. Type Electric & Other Mechanical Logs Run (Submit copy) of each) 17. TVD 23. Casing and Liner Record (Report all strings set in well) 17. Hole Size Size/Grade WL (Wft), Top (MD) Bottom (MD) Stage Cementest Type of Cement Supply States (Report all strings set in well) 17. Sell-vations Street Submit Copy 25. Casing and Liner Record (Report all strings set in well) 17. Sell-vation Street Submit Copy 26. 250* 4-12* 13.5# 3071* 7397* 230s TXI II, 85.4 3071* CEL 27. Was Well cored? Sure/Calc 28. Total Canada Sure/Submit Copy 29. Sure/Calc 29. Sure/Calc 20. Depth Set (MD) Pecker Depth (MD) 20. Size Depth Set (MD) Pecker Depth (MD) 20. Size Depth Set (MD) Pecker Depth (MD) 21. Testiment Cement Squeeze, etc. 22. Producing latervals 23. Action Record 24. No. Location Record 24. No. Location Record 25. Perforation Record 26. Perforation Record 27. Producing latervals 28. Perforation Record 29. Depth Set (MD) Pecker Depth (MD) 20. Type of Material 20. Depth Set (MD) Pecker Depth (MD) 20. Messaverde 20. Depth Set (MD) Pecker Depth (MD) 21. Action Fracture, Treatment, Cement Squeeze, etc. 28. Depth Set (MD) Pecker Depth (MD) 29. Action Record 20. Perforation Record 20. Perforation Record 20. Perforation Record 20. Perforation Record		h. Type of Completion: New Well Work Over Deepen Plug Back Diff. Resvi,									N/A 7 Unit or CA Agreement Name and No.			
3. Address 1050 17TH STREET, SUITE 500 DENVER, CO 80265 30 Phone No. (inclusia area code) 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908 303-672-6908	2. Name of Operator QUESTAR EXPLORATION & PRODUCTION CO.									Lease				
At surface 1418 FSL & 1267 FEL At top prod. interval reported below Top prod. To	3. Addres	s 1050 17TH	STREET	, SUITE 500 I	DENVER, CO 8	U4-U3 (le area code)	9.	9. AFI Well No.				
1.			oort location	clearly and in a	accordance with F				10.	Field	and Pool, or	• •		
At total depth SAME 15 Date TD, Reached 16 Date Completed 19/29/2005 17 Elevations (DF, RRB, RT, GL)*		1410							1_	Surve	or Area	7-31N-11W, NMPM		
March Marc		p.:_	ie		_					SAN J	UAN	NM		
TVD			15			1	· — · ·				• •			
INDUCTION, GAMMA RAY, DENSITY, NEUTRON, SONIC, CBL Was DST run? No Yes (Submit report)	18. Total I		7450'	19.	•		20.	Depth Bridg	e Plug Set:			N/A		
Hole Size Size/Grade Wt. (#/ft.) Top (MD) Bottom (MD) Stage Cementer Depth Type of Cement Slurry Vol. (BBL) Cement Top* Amount Pulled	INDU	CTION, GAI	MMA RAY	, DENSITY,	NEUTRON, SO		,	Was DST ru	n? 🔽	No [Yes (Sub	mit report)		
J-55 SURF 3450' 360sx "G" 167.0 SURF/CALC		<u> </u>		7				& Shurr	y Vol.	Cemen	Тор*	Amount Pulled		
8.750" 7" 26# SURF 3450' 360sx "G" 167.0 SURF/CALC K-55 6.250" 4-1/2" 13.5# 3071' 7397' 230sx TX1 lt, 85.4 3071'-CBL N-80 100sx 50/50 22.2 24 Tubing Record Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) 2-3/8" DBR 171V 5004 OAL 7247 25. Producing Intervals Formation Top Bottom Perforated Interval Size No. Holes Perf. Status A) Mesaverde 5002'-5361' 342 30 Please see attached B) Dakota 7247'-7388' 342 27 wellbore diagram C) 17. Acid, Fracture, Treatment, Cement Squeeze, etc. Depth Interval Amount and Type of Material 7247'-7388' 1090 gal 7.5% HCL, 18,000 gal gel, 67,900# 20/40 SLC	12.250"	<u> </u>	36#	SURF	219'			28.2		SURF/CIRC				
A-1/2" 13.5# 3671' 7397' 230sx TXI lt, 85.4 3071'-CBL	8.750"		26#	SURF	3450'			167.	0	SURF	CALC			
N-80 100sx 50/50 22.2														
Tubing Record Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Packer Depth (MD)	6.250"		13.5#	3071'	7397'					3071'-	CBL			
2-3/8"	24 Tubing		L	<u></u>		L					<u>,</u> ,			
26. Perforation Record		Depth Set	(MD) Pack	er Depth (MD)		Depth Set (MD)	Packer Depth ((MD)	Size	Depth	Set (MD)	Packer Depth (MD)		
Formation Top Bottom Perforated Interval Size No. Holes Perf Status A) Mesaverde 5002'-5361' 342 30 Please see attached B) Dakota 7247'-7388' 342 27 wellbore diagram C) for details. D) 27. Acid Fracture, Treatment, Cement Squeeze, etc. Depth Interval Amount and Type of Material 7247'-7388' 1000 gal 7.5% HCL, 18,000 gal gel, 67,000# 20/40 SLC			v-150	04 DAK	1-7247		<u>l</u>	l		l				
A) Messaverde 5002'-5361' 342 30 Please see attached B) Dakota 7247'-7388' 342 27 wellbore diagram C) for details. Depth Interval Amount and Type of Material 7247'-7388' 1000 gal 7.5% HCL, 18,000 gal gel, 67,000# 20/40 SLC	25. Produc			Ton	Pottore			Cinn	N- 11-	lan I				
Dakota 7247'-7388' 342 27 wellbore diagram														
C) D) 27. Acid, Fracture, Treatment, Cement Squeeze, etc. Depth Interval 7247'-7388' 1000 gal 7.5% HCL, 18,000 gal gel, 67,000# 20/40 SLC														
D) 27. Acid, Fracture, Treatment, Cement Squeeze, etc. Depth Interval 7247'-7388' 1000 gal 7.5% HCL, 18,000 gal gel, 67,000# 20/40 SLC	c)				7.00									
27. Acid, Fracture, Treatment, Cement Squeeze, etc. Depth Interval 7247'-7388' 1000 gal 7.5% HCL, 18,000 gal gel, 67,000# 20/40 SLC								t	t -					
Depth Interval Amount and Type of Material	<u> </u>	racture, Treatm	ent, Cement	Squeeze, etc.	<u> </u>			<u> </u>				COULT TO		
7247'-7388' 1000 gal 7.5% HCL, 18,000 gal gel, 67,000# 20/40 SLC			, , , , , , , , , , , , , , , , , , , ,			A	mount and Type	e of Material			A	374 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
				1000 gal 7.5% HCL, 18,000 gal gel, 67,000# 20/40 SLC										
	5002'-530	61'									MOV on			

28. Production - Interval A
Date First Test Hours
Produced Date Tested Hours Tested Oil BBL Gas MCF Water BBL Oil Gravity Corr. API Gas Gravity Flowing via easing 11/02/2005 12 hrs. 18**90** mçf 60 bb) Tbg. Press. Flwg. SI m/a Csg. Press 24 Hr. Rate Oil BBL Gas MCF Choke Water BBL Well Status Size Ready to Produce 48/64" 235 3600 mcf 120 551 28a. Production - Interval B Test Date Date First Produced Water BBL Oil BBL Gas MCF Oil Gravity Curr. API Test Production Gas Gravity Production Method 11/14/2005 11/02/2005 12 hrs. 1800 mef 60 bbi Flowing via easing 24 Hs. Rate Choke The Press Flug SI n/s Gas MCF Gas/Oil Ratio Well Status Csg. Press. Water BBL ACCEPTED FOR RECORD 3600 mcf 120 664 Ready to Produce

*(See instructions and spaces for additional data on page 2)

NOV 1 5 2005 FARMINGTON RIELD OFFICE

NWOCD

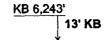
					,					
	uction - Inte	rval C								
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tog. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
28c. Prod	luction - Int	erval D	<u> </u>	1	1					
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Weil Status		
29. Disp	osition of (Gas (Sold,	used for fuel,	vented, etc	:)					
Show	w all impor	tant zones		and conten			als and all drill-ster and shut-in pressure	n Ì	ion (Log) Markers	
For	nation	Тор	Bottom		Desc	riptions, Con	ents, etc.		Name	Top Meas. Depth
32. Addi	tional rema	rks (includ	le plugging pa	rocedure):				Ojo Ala Kirtland Fruitland Pictures Lewis S Cliff Ho Menefer Point L Mancos Gallup : Greenh Greenh Canard Dakota	d Sh. Id Fm. d Cliffs Ss. h. use Ss. e Fm. ookout Ss. Sh. Ss. oorn Ls. oo Sh.	Surface 1040' 1110' 2344' 2824' 3010' 4400' 4630' 5059' 5449' 6426' 7132' 7186' 7244' 7450' 7451'
D EU	ectrical/Me indry Notice	chanical L e for plugg	been attached ogs (1 full se ting and ceme	t req'd.) ent verificat	Gion Co	eologic Repo ore Analysis	nt DST Report			
34. There	oy certily t	า				omplete and o			ble records (see attached instr	nictions)*
Name	(please fori	a sco.	TT A. GOO	DWIN JR				ETROLEUM	ENGINEER	
Signa	iture /	nt	Mr	1/2			Date	2005		
Title 18 U States any	J.S.C Secti false, ficti	on 1001 a	nd Title 43 U	J.S.C Secti tements or	on 1212, ma representa	ake it a crime	for any person kno ny matter within its	wingly and will jurisdiction.	fully to make to any departm	ent or agency of the Unite

HORTON 1D NESE 7 - 31N - 11W San Juan County, NM

Spud: 9/5/05 First Sales:

Date: 11/9/2005

9-5/8" @ 219' KBM



GL 6,230'

9-5/8" Surface Casing:

5 jts 9-5/8", 36#, J-55, 8rd @ 219' KB Cmt w/ 125 sx "G" @ 15.8# and 1.16 cf/sk Full returns - Cement to surface - Float held

7" Intermediate Casing:

78 jts 7", 26#, K-55, 8rd @ 3,450' KB Cmt w/ Lead 360 sx "G" @ 11.7# and 2.61 cf/sk Tail 125 sx 50/50 Poz @ 13.5# and 1.27 cf/sk Full returns - No Cement to Surf - Float Held

ID	DD	Cap	*Collap	*Burst
(in)	(in)	(bbl / ft)	(psi)	(psi)
6.276	6.151	0.0382	3400	3900

4-1/2" Liner:

99 jts 4-1/2" 13.5#, N-80, ST&C set @ 7,397' KB Hanger De-rated to 4-1/2" 10.5# K-55 Liner Top @ 3,071' KB; Float Collar @ 7,395' KB Cmt w/ Lead 230 sx TXI Lt Wt @ 11.4# and 2.28 cf/sk Tail 100 sx 50/50 Poz @ 13.5# and 1.25 cf/sk

<u>D</u>	DD	Cap	*Collap	*Burst	
(in)	(in)	(bbl / ft)	(psi)	(psi)	
3.920	3.795	0.0149	3200	3800	

2-3/8" Tubing:	<u>Length</u>	<u>Top</u>
XX jts 2-3/8" 4.7#, J-55, 8rd	1.00	
Standard Seating Nipple	1.00	14
1/2 Pump-off sub	1.00	15
EOT		16

I	ID	DD	Cap	*Collap	*Burst	*Yield
Į	(in)	(in)	(bbl / ft)	(psi)	(psi)	(b)
1	1.995	1.901	0.00387	6400	6100	57000

4-1/2" Liner Top @ 3,071'

37" @ 3,450' KBM (8-3/4" Hole)

> Mesaverde @ 5,002 - 5,361 (359' OA - 30 Holes)

End of Tubing @ ?' KB
(SSN on Bottom)

Dakota @ 7,247 - 7,388
(141' OA - 27 Holes)

PBTD @ 7,395'
(4-1/2" Float Collar)

4-1/2" @ 7,397' (6-1/4" Hole)

*Burst, Collapse, and Yield are De-rated to 80%