Form 3160-5 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993

5. Lease Designation and Serial No.

SF-078272A

6. If Indian, Allottee or Tribe Name

SUNDRY NOTICES	AND REPORTS ON WELLS \int	6. If Indian, Allottee or Tribe Name
Do not use this form for proposals	to drill or to deepen or reentry to a different reservoir.	NA
Use "APPLICATION	FOR PERMIT for such proposale 6 7 8 9 76	
SUBMIT	N TRIPLICATE	7. If Unit or CA, Agreement Designation
GOBINIT II)
1. Type of Well	JAN 2000	NA Well Name and No.
Oil Gas Well Other		2
2. Name of Operator	S OILOOM A	Nageezi Federal 3 #2
Questar Exploration and Production	Company	API Well No.
3. Address and Telephone No.	. CO. 20202 (202)672 6046 (2)	3-039-26217
1331 17th Street, Suite 800, Denver		10. Field and Pool, or Exploratory Area Lybrook - Gallup
4. Location of Well (Footage, Sec., T., R., M., or Survey Descri	pnon)	11. County or Parish, State
955' FNL & 600' FWL, Sec 3, T23N-	R7W	
000 1112 000 1112, 200 0, 1120.		Rio Arriba, NM
OUEOK ADDDODDIATE DOV	-) TO INDICATE MATURE OF MOTICE REPORT	•
	s) TO INDICATE NATURE OF NOTICE, REPORT, (OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	
Notice of Intent	Abandonment	Change of Plans
	Recompletion	New Construction
Subsequent Report	Plugging Back	Non-Routine Fracturing
	Casing Repair	Water Shut-Off
Final Abandonment Notice	Altering Casing	Conversion to Injection
	X Other Casing/Cementing Report	Dispose Water (Note: Report results of multiple completion on Well
		Completion or Recompletion Report and Log form.)
 Describe Proposed or Completed Operations (Clearly state all p give subsurface locations and measured and true vertical d 	pertinent details, and give pertinent dates, including estimated date of starting any pents for all markers and zones pertinent to this work)*	proposed work. If well is directionally drilled,
give substitute locations and measured and true vertical of	epuis for an markers and zones pertinent to this work.	
The subject well was spud on 10/29	/99. A 12 1/4" hole was drilled for surface casing ar	nd a
7 7/8" hole was drilled for the long s		- 5 4
		-
Please see attached casing and cer	nenting detail.	
		22
		7: 0
		<u> </u>
14. I hereby certify that the foregoing is true and correct		
· · · // · · · /// //	Title Sr Petroleum Engineer	Date 12/22/1999
Signed Lluy Ollman	Title Sr. Petroleum Engineer	Date <u>12/22/1999</u>
· · · // · · · /// //		
Signed Lluy Ollman		Date 12/22/1999 CEPTED FOR RECORD

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United State any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Plus KBE (One Ft. Above Rotary to Last CHF) DP To Land Liner (If Applicable) TOL @: Drilling Representative: Casing Reciprocation?: HTHP WL: Mud Properties Prior To Cementing: Hole Volume From Caliper Log: Casing Set @: Last Casing Size: Spacing: Casing Rotated? Less Cutoff Piece(s) and Landing Joints: Liner Hanger (If Applicable) QUESTAR EXPLORATION & PRODUCTION COMPANY Total Pipe Installed: Number Of entralizers/Wipers: Onty Description JOINTS CASING <u>د.</u> Solids: @ Z ŏ S S 80 Type: Length Of Strokes: ₹ Time Casing Moved After Bumping Plug Ş 427 STBB Size (O.D.) 8 5/8 MD Hole Size: Type: Sands: Gels XLime: Weight Grade Threads Length SPUD MUD 24 Field: J-55 Time: 12 1/4 Total: 모 **≶** ST&C Elec Stab YBROOK/ GALLUP 404.40 404.46 12.00 13.4 동 45 427 동 Ref# ₹ Spacer Type: Cement Company: CASING WAS LANED W/ LANDING JOINT. Remarks: Cement Returns? Cement Displacement Rate: Tail Cement Additives: Lead Cement Additives Lead Second Stage WATER
Cement Displacement Rate: Tail Cement Additives: Lead Cement Additives: Lead Cement First Stage Cement Cement Returns? Spacer Type: CLASS "B" CIRCULATED 20 BBL- 94 SACKS OF GOOD CEMENT TO RESERVE PIT- CEMENT STAYED AT SURFACE **∀**88 ⊠ DV Tool Located @: PRIMARY Type Lease: Type No | Early Returns? 8 ⊠ 2% S1 0.25 % D29 DOWELL / SCHLUMBERGER Early Returns? NEGEEZI FEDERAL No. Pump Time
Sacks Time @ Temp
Hrs. @ No. 300 Volume: Pump Time Time @ Temp Hrs. @ Volume: Yes 🗆 Yes ⊠ Hrs. @ Hrs. (8) <u>-</u> S 8 20 8.3
Displaced With (Cemented Unit/Pump): Displaced With (Cemented Unit/Pump): Est. Sacks Circulated: Est. Sacks Circulated: Weight: Well Number Weight: Cu. Ft./Sx Cu. Ft/Sx 1.19 Yield CEMENTING DETAILS Circulation Time & Rate Prior To Cementing: FARMINGTON, NEW MEXICO Circulation Time & Rate Est. Est. 15.4 Ψ. ? Weight Weight 94 15.4 Actual Casing/Liner Landing Details Number of Plugs Used: CU Number of Plugs Used: Ϋ́Р ₹ Mix Water Gal./Sx Hrs @ Mix Water Gal./Sx 5.72 AFE No: Additives Liquid/Blended: Additives Comp. PSI Comp. PSI Estimated TOC: Compatibility Test Run? Estimated TOC: Liquid/Blended: Compatibility Test Run? Additives Additives 13742 Strength BPM Strength Returns (Full/Partial) Returns (Full/Partial): Date Plug Bumped Plug Bumped? Liquid/Blended: Liquid/Blended: ᄩ ᇙ Yes ⊠ გ ≱ გ ≽ 10/30/99 Version 1 Free Water% SURF <u>8</u> Free YES YES ΣĐ

QUESTAR EXPLORATION & PRODUCTION COMPANY

Casing/Liner Landing Details

QUESTAR EXPLORATION & PRODUCTION COMPANY	RODUCTION	COMPANY					Casing	Casing/Liner La	Landing Details Version 1
Onty Description	Size (O.D.) W	Weight Grade Thr	Threads Length Ref#			CEMENTING DETAILS	AILS		
			1.95	Cement Company: DOWELL /	DOWELL / SCHLUMBERGER	Yard Location:	FARMINGTON, NEW MEXICO	NEW MEXICO	
1 JOINT CASING	4 1/2	11.60 J-55 L	LT&C 43.07	First Stage PRIMARY		Circulation Time & Rate Prior To Cementing:	ne & Rate	Hrs @	6.5 BPM (Full/Partial
1 FI DAT COLLAR				Cement Type	No. Pump Time Sacks Time @ Temp	Yield Cu. Ft./Sx Est	Actual	Gal./Sx F	PSI @ Hrs cc Wattar%
_	4 1/2	11.60 J-55 L	LT&C 971.86	Lead 50/50 POZ "B"		1.45 12.8	8 12.8	7.14	
_				Tail	Hrs. @				
	41/0	11 60 .1-55	LT&C 4676.7	Lead Cement Additives: 2% D20_ 0	2% D20_ 0.5% D60_0.2% D65_ 0.25 PPS D29	S D29			Additives
JOIN S CASING	_		_	Tail Cement Additives:				- -	/ YE
				Spacer Type:	Volume:	Weight: 8.5	PV: YP:		Compatibility Test Run? YE S
				Cement Displacement Rate: 5 RPM	Disp	Displaced With (Cemented Unit/Pump):		CU	imated TOC:
Liner Hanger (If Applicable):				Cement Returns? Early	Early Returns?	Est. Sacks Circulated:	5 Numb	Number of Plugs Used:	1 Yes 🔀
Total Pipe Installed:			5697 45	Second Stage DV Tool Located @:	MD	Circulation Time & Rate Prior To Cementing:	ne & Rate	Hrs. @	Returns (Full/Partial):
Less Cutoff Piece(s) and Landing Joints:			15.45	Cement Type	No. Pump Time Sacks Time @ Temp	Yield Cu. Ft./Sx Est	Weight Actual	Mix Water Gal./Sx F	Comp. Strength WL Free PSI @ Hrs cc Watter%
DP To Land Liner (If Applicable) TOL @:				CLASS "B"	552 Hrs. @	2.86 11.4	11.2	17.63	
Plus KBE (One Ft. Above Rotary to Last CHF):			12.00	Tail 50/50 POZ "B"	60 Hrs. @	1.45 12.8	8 12.8	7.14	
				3%- D79,	0.25 PPS D29				
5.694 TVD	5,694 MD	Total:	a∺ 5694	laii Ceilleilt Additives. 2% D20, 0	6 D65, 0.25				
@ 41		7 7/8		Spacer Type: WATER	N	Weight: 8.30	PV:		Compatibility Test Run?
j;	BBLS		!	Cement Displacement Rate:	8PM Disp	Displaced With (Cemented Unit/Pump):			Imated IOC. SUR
Mud Properties Prior To Cementing: WT:	9.2 Type:	SND		Cement Returns? X No C Early	Early Returns?	Est. Sacks Circulated:	20 Numb	Number of Plugs Used	ed: 2 Plug Bumpe No
53 PV: 20 YP:	Gels 20	3 / 10	σ.	Remarks: FIRST STAGE- AFTER OPE	AFTER OPENING DV TOOL- CIRCULATED WELL- SAW WATER SPACERS AND SOME CEMENT- WAS STARTING	D WELL- SAW WATER	SPACERS AND SO	ME CEMENT-	WAS STARTING
Solids:		pH.	œ .Ут	TO THICKEN UP WHEN IT CLEANED UP.	UP. CIRCULATED AND WAITED ON CEMENT 4 HOURS. OPENED DV TOOL W/ 860 PS	ITED ON CEMENT 4 HO	JURS. OPENED DV 1	TOOL W/ 860 F	3 <u>SI.</u>
AKL: CL: 700 CA:	40 XLime:		Elec Stab:	SECOND STAGE- CIRCULATED 4 BB	RCULATED 4 BBL CEMENT TO SURFACE- HAD ABOUT 10 BBL OF HEAVY CUT MUD AND CEMENT W/ ALOT	HAD ABOUT 10 BBL OF	HEAVY CUT MUD A	ND CEMENT V	W ALOT
Casing Reciprocation?: Length	n Of Strokes:	Time:	Hrs	CELLOFLAKE IN IT. BUMPED PLUG-	BUMPED PLUG- CLOSED DV TOOL W/ 2200 PS	PSI.			
	Time Casing Moved After Bumping Plug	Bumping Plug:	Hrs	ĮO.	CASING TO 2000 PSI FOR 15 MINUTES. GOOD TEST	OD TEST.			
Number Of Type: Centralizers/Wipers: 1 /	WEATHERFORD	_	BIG BOW						
Spacing: MIDDLE #1, TOP #2, TOP #6, TOP #8	TOP #23, TOP #25			SHOE AT 5694', FLOAT COLLAR @ 5647'	647', DV TOOL @ 4676'.				
Drilling Representative: GARR ROBERTS	BERTS	Field:	LYBROOK/ GALLUP	Lease: NEC	NEGEEZI FEDERAL	Well Number:	3-#2	AFE No:	13742 Date: 11/7/99