Form 3160-4 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT



FORM APPROVED OMB No. 1004-0137 Expires: November 30, 2000

9.875 7.000 J-55 23.0 0 168 100 0 6.250 4.500 J-55 11.0 0 1807 175 180 24. Tubing Record Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Packer Depth Set (MD) Packer Depth Se	e and No. IIT 580 i-30679 ory CLIFFS id Survey W Mer NN state M L)*									
2. Name of Operator	iiT 580 i-30679 ory CLIFFS id Survey W Mer NN state M									
Address P.O. BOX 3092 3a. Phone No. (Clight-area tobe) 9. API Well No. 30-045	i-30679 Ory CLIFFS id Survey W Mer NM itate M									
3. Address P.O. BOX 3092 HOUSTON, TX 77079 4. Location of Well (Report location clearly and in accordance with Federal requiremyte.) At surface SESW Lot N 1080FSL 1840FWL At top prod interval reported below At total depth 15. Date T.D. Reached 09/15/2001 16. Date Spudded 09/15/2001 17. Elevations (DF, KB, RT, GL 09/15/2001) 18. Total Depth: MD 1820 19. Plug Back T.D.: MD 1772 20. Depth Bridge Plug Set: MD 17VD 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GR, CSL & CCL 23. Casing and Liner Record (Report all strings set in well) Hole Size Size/Grade Wt. (#/ft.) Top (MD) MD (MD) Stage Cementer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Perforated Interval Size No. Holes Perf. Sta Perforation Record Interval Size No. Holes Perf. Sta Perforation, Cement Squeeze, Etc.	i-30679 Ory CLIFFS id Survey W Mer NM itate M									
4. Location of Well (Report location clearly and in accordance with Federal requirement At surface SESW Lot N 1080FSL 1840FWL At top prod interval reported below At total depth 15. Date T.D. Reached 19/14/2001 16. Date Spudded 15. Date T.D. Reached 19/15/2001 17. Elevations (DF, KB, RT, GL 579) GL 18. Total Depth: MD 1820 19. Plug Back T.D.: MD 1772 20. Depth Bridge Plug Set: MD 170 10/15/2001 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 22. Was well cored? No 19/24 (Submit (Was DST run)) 23. Casing and Liner Record (Report all strings set in well) Hole Size Size/Grade Wt. (#/ft.) Top Bottom (MD) Stage Cementer Depth (MD) 175 180 24. Tubing Record Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Packer Depth (MD) Size No. Holes Perf. Sta (PKUTZ PICTURED CLIFFS) 1580 16. Perforation Record Formation Top Bottom Perforated Interval Size No. Holes Perf. Sta (PKUTZ PICTURED CLIFFS) 1580 16. Perforation Record 17. Elevations (DF, KB, RT, GL 579) GL 5790 GL	ory CLIFFS d Survey W Mer NM itate M									
At total depth 14. Date Spudded	d Survey W Mer NM tate M									
At total depth 14. Date Spudded	tate M _)*									
14. Date Spudded	M _)*									
18. Total Depth: MD 1820 19. Plug Back T.D.: MD 1772 20. Depth Bridge Plug Set: MD TVD 1772 20. Depth Plug Set: MD TVD TVD 1772 20. Depth Plug Set: MD TVD TVD 1772 20. Depth Plug Set: MD TVD TV										
18. Total Depth: MD TVD 1820 19. Plug Back T.D.: MD TVD 1772 20. Depth Bridge Plug Set: MD TVD 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 22. Was well cored? Was DST run? No Ves (Submit a Was DST run?) No Ves (Submit a Was	analysis)									
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GR, CBL & CCL 22. Was well cored? 23. No 4.50 4.500 4.	analysis)									
Directional Survey?										
Hole Size Size/Grade Wt. (#/ft.) Top (MD) Bottom (MD) Stage Cementer Depth (MD) Stage Cementer Depth (MD) Cement Top	analysis) analysis)									
Pole Size Size/Grade Wt. (#/ft.) (MD) (MD) Depth Type of Cement (BBL) Cement Top* Amount										
9.875 7.000 J-55 23.0 0 168 100 0 6.250 4.500 J-55 11.0 0 1807 175 180 24. Tubing Record Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Dept	int Pulled									
24. Tubing Record Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth Set										
Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (2.375 1510 25. Producing Intervals										
Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (2.375 1510 25. Producing Intervals										
Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (2.375 1510 25. Producing Intervals										
Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Packer Depth Set (
2.375 1510 26. Perforation Record 25. Producing Intervals 26. Perforated Interval Size No. Holes Perf. States PAKUTZ PICTURED CLIFFS 1580 1604 1580 TO 1604 1580 TO 1604 1										
Formation Top Bottom Perforated Interval Size No. Holes Perf. State	eptn (MD)									
TAKUTZ PICTURED CLIFFS 1580 1604 1580 TO 1604 B) C) D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc.										
B) C) D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc.	atus									
C) D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc.										
D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc.										
Depth Interval Amount and Type of Material										
Depth Interval Amount and Type of Material 1580 TO 1604 70% QUALITY NITROGEN FOAM, & 77.079# 16/30 BRADY SAND										
28. Production - Interval A										
Date First Test Hours Test Oil Gas Water Oil Gravity Gas Production Method										
Produced Date Tested Production BBL MCF BBL Corr. API Gravity 10/15/2001 10/15/2001 12 0.0 0.0 0.0 ELECTRIC PUMPING UNI										
	IT									
si 0.0 — Si GSi	IT									
20a. 110duction - Interval B	IT									
Date First Test Hours Test Oil Gas Water Oil Gravity Gas Gravity Tested Production BBL MCF BBL Corr. API Production Method	IT									
Choke Tbg Press Csg. 24 Hr. Oil Gas Water Gas:Oil Well Status Size Flwg. Press Rate BBL MCF BBL Ratio	IT									

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #7958 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** <u> የበ ሃር</u>

いるというで

28b. Produ	iction - Interv	al C						-						
Date First Test Hours Produced Date Tested			Test Production	Oil BBL			Oil Gravity Corr. API		Gas Gravity		Production Method			
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF		Gas:Oil Ratio		Well Status					
28c. Produ	iction - Interv	al D			1	- t								
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF		Oil Gravity Corr. API		Gas Gravity					
Choke Size	Tbg. Press. Flwg. S1	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF		Gas:Oil Ratio	·	Well Status	41 Status				
	ition of Gas(S EASURABL		for fuel, vent	ed, etc.)					•					
30. Summ	ary of Porous	Zones (Ir	nclu de Aquif e	rs):	•				31.	For	mation (Log) Markers			
tests, in	all important neluding dept coveries.	zones of p h interval	orosity and c tested, cushic	ontents ther on used, tim	eof: Cored te tool open	intervals and a n, flowing and s	ll drill-ste shut-in pro	em essures						
Formation Top Bottom Descriptions, Contents, CASING 170 283								s, etc.	Name Top Meas. De					
OJO ALAMO KIRTLAND FRUITLAND FRUITLAND SAND MAIN COAL PICTURED CLIFFS 32. Additional remarks (include plugging procedure): Please see attached Completion Subsequent Report.									CASING OJO ALAMO 284 KIRTLAND 458 FRUITLAND 1012 FRUITLAND SAND 1333 MAIN COAL PICTURED CLIFFS 1580					
33 Circle	enclosed attac	chmente:									·	 		
I. Elec	 33. Circle enclosed attachments: 1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 5. Sundry Notice for plugging and cement verification 6. Core Analysis 								7 Other: 4. Directional Survey					
34. I hereb	y certify that	the forego	oing and attac	hed inform	ation is con	plete and corre	ect as dete	ermined fr	om all ava	ilabl	le records (see attached instr	uctions):		
			I	For AMOC	O PRODU	58 Verified by ICTION COM	PANY, s	sent to the	Farming	ton				
Name (please print)	CHERRY				. 0-,		tle <u>PERS</u> (V			
Signature (Electronic Submission)								Date 10/29/2001						
						it a crime for a					y to make to any department	or agency		

COMPLETION SUBSEQUENT REPORT Gallegos Canyon Unit 580 10/24/01

9/24/2001 MI install frac valve. Press tst csg to 3200#, held ok.

09/26/2001 MIRUSU run GR, CBL & CCL Logs.

09/27/2001 RU FMC to drl holes in csg mandrill.

10/8/2001 ND frac tree & NU BOP. TIH w/tbg. & bit. Tag cmt & drill from 1450' - 1510'. Circ clean & SDFN.

10/9/01 TIH & drl cmt f/1510' - PBTD of 1772'. TOH w/tbg. TIH w/bit & csg scraper. TOH w/scraper & NDBOP & SDFN.

10/10/01 RU & press tst csg & frac valve to 3200#. Held press 30 min. MIRUSU TIH w/3.125" gun & perf Pictured Cliffs formation from 1580' -1604' w/4 JSPF total 96 shots. Lay lines to pit & SDFN.

10/11/01 MIRU & Frac PC formation w/500 gals of 15% HCL acid, followed w/77,079# of 16/30 Brady Snd; pmp w/70% nitrogen foam. RD frac equip & MO location. Flw tst well to pit.

10/12/01 RD frac head & NUBOP. TIH w/notched CCL & tbg. Tag fill @ 1612'. TOH to above perfs. Flow tst well. Died SWI.

10/15/01 TIH & landed tbg @ 1510'. TOH. TIH w/Rods & pmp. RDMO location.







Job separation sheet

District I

PO Box 1980, Hobbs, NM 88241-1980 District II

811 South First, Artesia, NM 88210

District III 1000 Rio Brazos Rd., Aztec, NM 87410

District IV

Previous Operator Signature

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505

State of New Mexico Energy, Minerals & Natural Resources Department

Form C-104 Revised October 18, 1994 Instructions on back Submit to Appropriate District Office 5 Copies

AMENDED REPORT

2040 S I.	outh Pac	heco, Santa F R		FOR A	LLOWAE	BLE A	ND AU	ГНОRI	ZATI	ON TO TRA	- ANSPO	ORT			
				-	ime and Addres			OGRID Number							
					3092	•7		000778 Reason for Filing Code							
	4	- DY 5: 1		Houston,	TX 77253			New Well							
		API Number 045-306	79			Kutz P		Pool Name * Pool Co tured Cliffs, West 79680							
		roperty Code											'ell Number		
570 Galles							legos Canyo	n Unit			580				
II.	10	Surface 1	Location												
Ul or	I or lot no. Section N 13		Township	Range	Lot.Idn	Feet fro	n the North/		ıth Line	Feet from the	East/West line		County		
			28N	8N 12W		1	1080'	South		1840'	West		San Juan		
	11 -	Bottom I	Hole Loca	tion	<u> </u>										
UL o	lot no.	Section	Township	Range	Lot Idn	Feet fro	om the	North/South line		Feet from the	East/West line		County		
12 %	12 Lse Code 13 Pr		ig Method Code	l li Con	Connection Da	An 15	C-129 Perm	1 2		l6 C 120 Dec .: D		120			
12.5	F	riodicii	P P	Gas	Connection Da	le	C-129 Ferm	a Number		C-129 Effective D	C-129 Effective Date		29 Expiration Date		
III.	Oil a	nd Gas T	ransporte	rs						•					
ix.	Transpor		T VI	ransporter !	Name		²⁰ PO	D	21 O/G		POD U	STR Loc	eation and		
	OGRID 151618		El F	and Addres aso Field Se		20	200	7 1	G			Description			
-7755 -4 3			1	P.O. Box 49	90	2 0	' 3 U E	31					Section 1		
			Farmin;	gton, NM 87	7499-4990		i de la comp	na kata				3			
	9018			ant Refining		2	8 3 U i	3 3 N	0						
P.O. Box 12999 Scottsdale, AZ 85267									4.6		1				
OCT 2001															
¥ . 3	6	*				•					<u> </u>	اتر <u>وي</u>			
IV. Produced Water								²⁴ POD ULSTR Location and Description							
		3 0 S 3	2												
<u>V.</u>	Well (Completi	on Data							- · · · - ·					
	25 Spud Date		ud Date			TD		28 PBT	TD	²⁹ Perforat	ons 30		DHC, DC,MC		
	9/14/	2001	10/	15/2001		1820'		177	2	1580' - 1	604'		N/A		
		³¹ Hole Size 9 7/8 "	2 3		33	Depth Se	t		34 Sacks Cement						
	6 1/4"							168'			100 SXS CLS G 175 SXS CLS G				
6 1/4" 4 1 / 2" 10.5# Tubing 2 3/8"									1510'						
		- Tabing			2 3/6				1510						
VI.	Well	Test Da	ta M.C D		37 m	D		38 m . r		10 mm vs			40 65		
	³⁶ Date N	ew Oil	36 Gas Deli	very Date	1.	est Date	,	Test Ler	_	³⁹ Tbg. Pro			40 Csg. Pressure		
	41 Chok	e Size	42 ()il	10-1	<u>5-01</u> Water	_	/2 "Gas		ل کے ل * AO	- F		4º Test Method		
	<u> </u>								30				F		
"I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my								OIL CONSERVATION DIVISION							
knowledge and belief.								SPREINNE SIGNED BY CHARLES T. POWERS							
	(horry	Hava					Approved by:							
Printed name: Cherry Hlava								Title: SEPUTY GEL & SAS INSPECTOR, EIST, 469							
Title:		Regulatory	Analyst		- **		Approval	Approval Date: DEC 2 8 2001							
	10/23/20				31-366-4081				``						
* If th	is is a ch	ange of opera	tor fill in the OC	GRID numbe	r and name of	the previou	is operator								

Printed Name

Title