Form 3160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU'OF LAND MANAGEMENT

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FORM APPROVED OMB 1004-0135 Expires: November 30, 2000

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SUNDRY Do not use this form abandoned well. U	SF-078497 6. If Indian, Allottee or Tribe Name R 20 Pil 2: 10			
SUBMIT IN TRIE	PLICATE - Other Instr	uctions on reverse	side 37	7. If Unit or CA/Agreement, Name and/or No.
1. Type Of Well		- CO. 13	<u>** </u>	8. Well Name And No.
Oil Well Gas Well	Other :		APR 2001	SAN JUAN 28-7 UNIT #238M
2. Name Of Operator			Charles C	9. API Well No.
CONOCO INC.				30-039-26168
3a. Address	3b. Pho	ne No. (include area code	page 3	10. Field And Pool, Or Exploratory Area
P.O. Box 2197, DU 3066	, (201)	293-1613		Blanco MV - Basin DK
Houston, TX 77252-219 4. Location Of Well (Footage, Sec., T.,				11. County Or Parish, State
2405' FNL - 1600' FV		•	Attor 'E'	•
				PORT, OR OTHER DATA
TYPE OF SUBMISSION	THE THE TOTAL BOX (LC) TO INDIONIE INA		FORT, OR OTHER DATA
1 TPE OF SOBIMISSION			TYPE OF ACTION	
Notice of Intent	Acidize	Deepen	Producti	ion (Start/Resume) Water Shut-off
Subsequent Report	Alter Casing	Fracture Tre	=	·
Subsequent Report	Casing Repair	New Constru	ction Recomp	
Final Abandonment	Change Plans	Plug and Aba		arily Abandon
Notice	Convert to Injection	Plug Back	Water D	-
	<u> </u>			
approximate duration thereof. If the pertinent markers and zones. Attact be filed within 30 days following con shall be filed once testing has been operator has determined that the site SEE REVERSE AND ATTA COMPLETION D	proposal is to deepen direction that Bond under which work in pletion of the involved operation completed. Final Abandonme is ready for final inspection.) ACHED FOR DAILY CODETAILS.	nally or recomplete horize will be performed or provions. If the operation resunt Notices shall be filed or	ontally, give subsurface loca de the Bond No. on rile with ults in a multiple completion nly after all requirements, inc	stimated date of starting any proposed work and tions and measured and true vertical depths of all the BLMBIA. Required subsequent reports shall or Recompletion in a new interval, a Form 3160-4 lauding reclamation, have been completed, and the
14. I hereby certify that the foregoin Name (Printed / Typed): DEBRA SITTNER		Title	Agent for Conoc	o Inc.
Signature	Jema Sitt	net Date	03/06/01	ACCEPTED FOR RECORD
	THIS SPACE	FOR FEDERAL	OR STATE OFFICE	
Approximately to the second se				DMAR 2 8 2001
Approved by	Approval of this action do	naturant 45	Title	Date Ar C C C U U I
Conditions of approval, if any are attached that the applicant holds legal or equitable t entitle the applicant to conduct operations	itle to those rights in the subjec		Office	FARMINGTON FILE OFFICE BY
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. statements or representations as to any matter w	Section 1212, make it a crime for a ithin its jurisdiction.	ny person knowingly and will	fully to make to any department of	or agency of the Unites States any false, fictitious or fraudulent

	8-7 UNIT 238M (A)		ily Summa	rv		nitial Co	ompletio
ы 300392616	Field Name	Area EAST	County RIO ARRIBA	Sate/Province New Mexico	Operator	L	icense Na
(B Elav (N) 6166.00	Graund Elev (⁽¹⁾) KB 6153.00	ອດຄ໌ທ) 13.00	KB-Tubing Head Distance 13.00	(1) Plug Back Total Depth 7,150	-	Spud Date 11/22/2000	Rig Release Date 12/1/2000
Start			One 3	Die O-1			
/10/2001	DROVE TO RIG AND RO	OADS IN TOO BAD		7vis Apu VIT	······································		
/11/2001	Held sfety mtg. Road u				d to RU unit :	and blew a hy	drlic hose Finis
	RU equipment. Secure						and 11000.1 II II
/12/2001	Held safety mtg. RU un	it ND well head NL	J BOP. PU 3 7/8" con:	e bit , bit sub and TI	l w/ 224 jts /	4 cond 2 3/8" f	tbg. Tallied tbo
	and total delivered to lo	oc is 233 jts (7360.	01'). Tagged cement	above FC at 7059'	D/O cement	and FC to 712	25'. Circulated
W = 100.04	hole clean (circ. psi 65	50#) and tested to	1100#. Test was go	od. TOOH w/ 28jts.	Secure well	and SDFVVE	
/15/2001	Held safety mtg. Finish	to POOH w/198 jt:	s tbg. standing back.	Woodgroup deliver	ed 7 1/16" x	5000# frac va	lve. RU valve.
	Pressure test csg. to 4	300# and held for	15 min. Test was god	od. RU Schlumberge	r wireline . H	eld safety mtg	j. PU logging to
	w/ GR/ CCL and RIH an	nd log from 7125' to	1750'. POOH w/ log	ging tools and cont	inue to GR/C	CL to surface.	Schlumberger
/16/2001	will fax logs to enginee Held safety mtg. MiRU (oring when they ge	t back to district. Rele	eased wireline and	secure well.	SDFN	
/17/2001	Stand by for perforation		mud tee and bloole II	ne.			
/18/2001	Held safety mtg. RU Blu		'Bl. logging tools and	RIH and log from 7	31140 3000	Chi shows T	OC @ 2000" .
	7" csg. shoe @ 3250'.	We will have to so	Lieeze after all fracs	are completed DOC	io io occion	. CDESTIONS I	CC (CB 3000 A
	guns w/120^ phasing	on guns. RIH and p	erforate Dakota as f	ollows: 7087' to 710	n w/logging 16'w/1snf-	20 boles 7061	o cased noie 2 to 7066'
	w/1 spf- 5 holes, 6974	to 6990' w/1spf -	17 holes, 6962' to 69	169' w/1 spf - 8 hole	s. Shot tot. o	50 holes. RD	wireline secu
	well and SDFN						
/19/2001	Held safety mtg. RU BJ	Services frac unit	. Pressure tested line	s to 4500#. Set por	-off @ 3500	psi. Broke dov	vn dakota
	formation @ 2950#. Pu	mped 34 bbl @ 20	bpm and 2935#. S/D	ISDP of 1500# figur	ed frac grad	ent @ .65 psi/	fft. Start acid @
	10 bpm and 2000#. Pur	nped 1500 gal (36	bbl) 15% HCL w/15	gal ferrotrol 300-l,	3 gal Cl-27, 2	gal FB-20 and	60 1.3SG ba
	sealers. Flushed w/11	1bbl 1% KCL water	r and balled off at 34	00#. RD BJ Service	s and RU Blu	iejet wireline ju	unk basket to
	retrive balls. Retrived 5	58 balls w/ 33 hits.F	RD wireline and RU fr	ac lines.Pressure to	est lines to 45	00# set pop-o	off @ 3420#.
	Start pre-pad @ 30 bpr	m and 3200# , step	ped down to 23 bpm	and 2750#, steppe	d down to 15	bpm and 227	8#. S/D w/ ISE
	of 1925#.FG of .65 psi/	/ft. Leak off test as	follows: 5 min 1687	*, 10 min 1488#, 15	min 1353#. S	tarted pad @	43 bpm and
	3300# . Friction reduce	er stopped 500 bbl i	nto pad , pump plugg	ed and could not ge	t going agin.	S/D w/ 650 bb	ol into pad.
	Swapped friction reduc	cer over to auxilary	pump. After working	g on pump it was d	cided to can	cel job until BJ	l gets pumped
/20/2001	repaired.Bleed pressur	re down to U and d	rained pumps and HC	P _i s. Secure well a	nd SDFN.		
12012001	Held safety mtg. RU BJ	Services trac unit	.Pressure test lines to	0 4800#, set pop-o	nt@ 3750#.S	tart step test	as follows: 32
	bpm @ 3350#, 25 bpm	(@/ 320∪#, 17 bpm 10 min = 1400#/1	@ 2000#15DP = 196:	o# for a frac gradie	ntor./Upsun	t Monitor leal	kott pressure
	follows: 5 min = 1594#,	, 10 mm = 1400#, 1	3 11111 = 1203#,20 11111 201505 bbl Stort 75	1 = 1124#. Start par	1 @ 54 bpm \	V/ 3500#.Pum;	
	@ 53 hnm numbed 200	om and sorse pump I bbl and pressure	or, insic judi cec use dictated to drop rate		NG 3549#. DL	impea 833 ppi	ped 718 bbl pa
	design was for 98 440) bui and pressure :		#sand@254bpm.a		da	. Start 1# sand
	108 bbl ISDP = 2355#	, due to well contain	ions we could only o	down to 46 bpm an	d drop sand	to .85# ;	. Start 1# sand per gal., Frac
	48 bpm AV pressure	5 min = 2117 # 10 s	ions we could only g	down to 46 bpm an let 83,000# into forr	d drop sand on nation.Pumpe	d flush @ 28 l	. Start 1# sand per gal Frac opm for a tot c
		5 min = 2117#, 10 : was 3600#_94 459	ions we could only g min = 2002#, 15 min :	down to 46 bpm an let 83,000# into forr = 1951#, 20 min 188	d drop sand on nation.Pumpe 3# , FSIP = 1	d flush @ 28 t 883# in 20 min	. Start 1# sand per gal Frac opm for a tot o i. AV. rate wa
		was 3600#. 94,459	ions we could only g min = 2002#, 15 min : 3 gal sand laden fluid	down to 46 bpm an let 83,000# into forr = 1951#, 20 min 188	d drop sand on nation.Pumpe 3# , FSIP = 1	d flush @ 28 t 883# in 20 min	.Start 1# sand per galFrac opm for a tot c i.AV.rate wa
/22/2001	wireline and release.Se	was 3600#. 94,459 ecure well and SDF	ions we could only g min = 2002#, 15 min = 9 gat sand laden fluid WE.	down to 46 bpm an let 83,000# into forr = 1951#, 20 min 188 , w/ 3463 bbl tot flu	d drop sand o nation.Pumpe 3# , FSIP = 1 id to recover	d flush @ 28 t 883# in 20 min .RD BJ frac un	. Start 1# sand per gal Frac opm for a tot o i. AV. rate wa nit, Blue jet
/22/2001	wireline and release.Se Held safety mtg. Open	was 3600#, 94,459 ecure well and SDF well up and it is on	ions we could only g min = 2002#,15 min = 9 gal sand laden fluid FWE. vacuum. Thaw out E	down to 46 bpm an let 83,000# into forr = 1951#, 20 min 188 , w/ 3463 bbl tot flu BOP, ND frac valve,	d drop sand on nation.Pumpe 3# , FSIP = 1 id to recover	d flush @ 28 t 883# in 20 min .RD BJ frac un	. Start 1# sand ber gal Fractopm for a tot d i. AV. rate wa bit, Blue jet
	wireline and release.Se Held safety mtg. Open 2 3/8" tbg.Weatherford	was 3600#. 94,459 ecure well and SDF well up and it is on I could not make it to	ions we could only g min = 2002#, 15 min = 3 gal sand laden fluid FWE. vacuum. Thaw out E o loc for compressor	down to 46 bpm an let 83,000# into forr = 1951#, 20 min 188 , w/ 3463 bbl tot flu BOP, ND frac valve, start up . Secure v	d drop sand on the same of the	d flush @ 28 t 883# in 20 min .RD BJ frac ur d stripper head	Start 1# sand per gal Frac opm for a tot o i. AV. rate wa nit, Blue jet d. TIH w/ 112 j
/23/2001	wireline and release.Se Held safety mtg. Open 2 3/8" tbg.Weatherford Held safety mtg. Wait o and TFF @ 7106'. C/O1	was 3600#. 94,459 ecure well and SDF well up and it is on could not make it to bo Wetherford comp to PBTD. Blow well	ions we could only g min = 2002#, 15 min = 9 gal sand laden fluid FWE. vacuum. Thaw out E o loc for compressor pressor start up. Blov l around. Pull above a	down to 46 bpm an let 83,000# into forr = 1951#, 20 min 188 , w/ 3463 bbl tot flu BOP, ND frac valve, start up . Secure v w well around . Cha all Dakota perfs. Sec	d drop sand on the tion. Pumpe 3# , FSIP = 1 id to recover NU mud Tandrell . SDFN ange out blookure well SDF source well source well source well source well source	d flush @ 28 t 883# in 20 min .RD BJ frac ur d stripper head e T. TIH w/11 FN.	Start 1# sand per gal Frac opm for a tot on AV. rate was hit, Blue jet d. TIH w/ 112 j 4 jts 2 3/8" tbg
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/23/2001 /24/2001 /25/2001	wireline and release.Se Held safety mtg. Open 2 3/8" tbg.Weatherford Held safety mtg. Wait o and TFF @ 7106'. C/Ot Held safety mtg. Open 7113'. C/O to PBTD and held safety mtg. Check pressure stabilized @ s witnessed by Thomas head. Secure well and	was 3600#. 94,459 ecure well and SDF well up and it is on could not make it to m Wetherford comp to PBTD. Blow well well up and check to blowaround till sa pressures 1550 co 550 psi on csg. and Monk w/ Key Ener SDFN.	ions we could only g min = 2002#, 15 min = 9 gal sand laden fluid FWE. vacuum. Thaw out E o loc for compressor pressor start up. Blow I around. Pull above a pressures. 1550# or nd cleans up.TOOH to sg., 1600 tbg. Flow to d 300 psi on tbg. 300 gy. Kill well TOOH w	down to 46 bpm an let 83,000# into forr = 1951#, 20 min 188, w/ 3463 bbl tot flu BOP, ND frac valve, start up . Secure vow well around . Chall Dakota perfs. Secure to 7011'. Secure weest DAKOTA w/ 23 x 6.6 = 1980 mcfpc / 222jts 2 3/8" tbg. 6	d drop sand of nation.Pumpe 3# , FSIP = 1 id to recover NU mud Tandrell . SDFN inge out blookure well SDFN csg down all and SDFN /8" tbg. set (4 w/ 0 BOPD, and notched of set set (5 w/ 0 BOPD, and notched of set set (6 w/ 0 BOPD, and notched of set set (6 w/ 0 BOPD, and notched of set set (6 w/ 0 BOPD, and notched of set set (6 w/ 0 BOPD, and notched of set	d flush @ 28 t 883# in 20 min .RD BJ frac un d stripper head e T. TIH w/11 N. nd kill tbg.TIH @ 7011' on 1/2 20 BWPD, 0 s collar. ND bloo	Start 1# sand per gal Frac ppm for a tot of a
/23/2001 /24/2001 /25/2001	wireline and release.Se Held safety mtg. Open 2 3/8" tbg.Weatherford Held safety mtg. Wait o and TFF @ 7106'. C/O1 Held safety mtg. Open 7113'. C/O to PBTD and held safety mtg. Check pressure stabilized @ : witnessed by Thomas head. Secure well and Held safety mtg. Open	was 3600#. 94,459 ecure well and SDF well up and it is on could not make it to m Wetherford comp to PBTD. Blow well well up and check to blowaround till sa pressures 1550 co 550 psi on csg. and Monk w/ Key Ener SDFN. well and check pre	ions we could only g min = 2002#, 15 min = 9 gal sand laden fluid FWE. vacuum. Thaw out E o loc for compressor pressor start up. Blow l around. Pull above a pressures. 1550# or nd cleans up.TOOH to sg., 1600 tbg. Flow to d 300 psi on tbg. 300 gy. Kill well TOOH w	down to 46 bpm an let 83,000# into forr = 1951#, 20 min 188, w/ 3463 bbl tot flu BOP, ND frac valve, start up . Secure vow well around . Chall Dakota perfs. Secure tog. and csg.Bleedo 7011'. Secure weest DAKOTA w/ 23 x 6.6 = 1980 mcfpc / 222jts 2 3/8" tbg. ablue jet wireline an blue jet wireline and set 1980 mcfpc / 222jts 2 3/8" tbg. ablue jet wireline and set 1980 mcfpc / 222jts 2 3/8" tbg. ablue jet wireline and set 1980 mcfpc / 222jts 2 3/8" tbg. ablue jet wireline and set 1980 mcfpc / 222jts 2 3/8" tbg. ablue jet wireline and set 1980 mcfpc / 222jts 2 3/8" tbg. ablue jet wireline and set 1980 mcfpc / 222jts 2 3/8" tbg. ablue jet wireline and set 1980 mcfpc / 222jts 2 3/8" tbg. ablue jet wireline and set 1980 mcfpc / 222jts 2 3/8" tbg. ablue jet wireline and set 1980 mcfpc / 222jts 2 3/8" tbg. ablue jet wireline and set 1980 mcfpc / 222jts 2 3/8" tbg. ablue jet wireline and set 1980 mcfpc / 222jts 2 3/8" tbg. ablue jet wireline and set 1980 mcfpc / 222jts 2 3/8" tbg. ablue jet wireline and set 1980 mcfpc / 222jts 2 3/8" tbg.	d drop sand of nation.Pumpe 3# , FSIP = 1 id to recover NU mud Tandrell . SDFN inge out blookure well SDFN csg down all and SDFN /8" tbg. set (4 w/ 0 BOPD, and notched of PU 4 1/2" h	d flush @ 28 t 883# in 20 min .RD BJ frac un d stripper head e T. TIH w/11 N. nd kill tbg.TIH 2 7011' on 1/2 20 BWPD, 0 s collar. ND bloo	Start 1# sand per gal Frac ppm for a tot of a
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SAN JUAN 28	7 UNI	Г 238М (/	AWS 11					Initial (ompletion
API 30039261680	nn	Field Name	Arca		ly Summar	State/Province	Operator		License Na
KB Elev (ft)	Graund Elev	·(4)	KB-CF(N)	EAST	RIO ARRIBA	New Mexico	1	10-16-	la: a
6166.00	•	53.00		.00	13.00	7,150		Spud Date 11/22/200	Rig Release Date 0 12/1/2000
Stari					Ops 77	r's Apl			
1 <i>/</i> 29 <i>/</i> 2001	of 0 psi pumped Pressui @ 1950 2500#, and 176 volume pressui wireline frac cre Standin	4800#, set por for a frac grad Showed good test lines to set lines to	opoff @ 31 adient of .4 od ball actic bol 4800# set bbl , step (0 bpm and 76 bbl w/ 0 ad laden 26 0# w/ no lo set 41/2" h he and sec for frac job	50# . Start of 3. Started k on Bleed prescription to 20 1980#, start 0 ISDP. AV. 20 bbl, Fluid as of frictionalliburton coure well . S . Service rig	3 .	le. Broke @ 1800; alls as per proced vireline to retrive k st at 40 bpm @ 30 umped was 150 k d 1850#, start 1# (ressure 1750#, to l. 5 min 0 psi.Frac stabilized as sooi	#. Pumped (dure. Balled palls. Retrive (150#, pumpe (150#) pumpe (150#	25 bpm and off @ 3100# ved 57 balls weed 50 bbl , ste, 0 psi . Start pand 1655#., ste, 01,000# 20/40 , 3/4 way thru sand was on 1	2700#. S/D ISDP w/ 77 bbl flush / 39 hits. p down to 30 bpm ad @ 60 bpm and art 1.25# @ 60 bpm brady. Clean 1# sand stage the
2/1/2001 2/2/2001		BY WAIT TO BY WAIT TO							
2 <i>/</i> 5 <i>/</i> 2001	Held pro- current 4608' to holes, 4 Held pro- to 30 bp sealers RU wire 3850# @ 1575 20 min 9 63 bpm min 114 60 bpm Secure	e-rig up safet: was detecte: 4613' w/6 h .766' to 4772' e-job safety m m, @ 2500#. dropping 1 b line to retrive Start step tes #. ISDP 1050; 046#. Start pa and 2520#, s 0 #. AV. rate , Max pressu well and SDF	y mtg. RU E d. RU grour oles, 4647' w/ 4 holes ttg.Pressur S/D , ISDP v all at a time balls. RIH a t @ 40 bpm t, pre frac d @ 63 bpm tart 1# @ 6 63 bpm. Av re 2600#, n N.	elue jet wire nding cable: to 4649' w , 4778' to 4 e test lines was 1150# e in acid and and retrive n and 2350 psi gradien m and 2755 to bpm and v pressure nin pressure	eline. Well head DC v.s. PU 3 1/8" csd. hold / 3 holes, 4666' to 46 / 782' w/ 3 holes for a to 4800#. Set popo- initial frac gradient of 2 at a time in water 59 balls w/ 39 hits. pumped 50 bbl. Step at = .65 psi/ft. Leak on #, start .25# @ 63 b 2500#, flush w/ 71 b 2550#. 1668 bbl sar e 2500#. Pumped 5	e guns and perfora i78' w/ 7 holes, 48' tot of 41 holes. R if @ 3450# . Start f .67. Start acid be .Balled off @ 340 RU frac crew. Pro- down to 30 bpm of if test is as follow om and 2590#, start bbl slickwater. ISD d laden fluid for to 0 gal FRW-30, and	ate as followed as	ws. 4570' to 4 " w/ 7 holes, 4 and RU BJ Ser ation broke @: bbl 15% hcl a all action . Blee lines to 4800# ump 50 bbl, Sta 12#, 10 min 9a bpm and 254 min 1194 #, 11 # 20/40 brady 1-20.RD BJ Sei	574' w/ 5 holes, 1740' to 4745' w/ 6 vices frac crew. 2700# brought rate nd 60 1.3 S.G. ball ed down to 0 and set pop-off @ ep down to 20 bpm 85#, 15 min 960#, 8#, start .75# @ 0 min 1162 #, 15 sand. Min rate = rvices frac crew.
2/6/2001	hole gur holes, 4	OOH w/ wire ns and perfor 407' to 4418'	line. RU rig ate cliffhou w/12 holes	pump and t ise as follov ;, 4391' to 4	unding straps. RU w test plug to 4100#. H ws: 4504' to 4508' w 393' w/2 holes, 438	eld pressure for 1 /5 holes, 4476' to 1' to 4386' w/2 hol	5 min. Test 4488' w/ 7 i les. 4374' to	looked good. F holes, 4432' to 14380' w/4 ho	PU 3 1/8" cased 5 4454' w/12 des 4358' to 4362'
2 <i>/71</i> 2001	BPM and down a to 4800; bbl, step bpm and flush will 2350, m 2770 bbl and RIH break ci hole. Se	tart B/D. Bro d 600#, drop (nd RU Blue je f, and set pop d down to 15 d 2545#, Start hen in line der ax 2800, Av. l. Pumped 53 ug @ 3900'. F and shoot sq rculation. Pur cure well and	y mtg. RU E ke @ 2700 50 1.3 S.G. t wireline ju p-off at 380 bpm and 90 .75# @ 66 nsiometer ro 2600#. AV gal FRVV-30 OOH. RU p ueeze hole aped @ apr I SDFN.	J Services # , Pumped ball sealers ink basket .1 0#.Start ste 00#, Leak o i bpm and 2 ead 1.0 and . rate 66 bp 0, and 107 g ump and pr is @ 3800'. iox.3 bpm a	vireline. Pumped into frac crew. Hold pre 20 bpm @ 1750#. S s. Flush @ 12 bpm a RIH and retrive 56 of ep test @ 40 bpm an ff was as follows: 5 505#, Start 1# @ 66 d flushed w/ 67 bbl. I am. Pumped 94,174# gal FB-20. RD BJ Ser essure test plug to 3 POOH and lay down nd was seeing apro	-job safety mtg.Pr D ISDP= 250# for nd ball off @ 3400 60 balls w/35 hit d 2280# for 50 bb min= 0psi. Start p bpm and 2437#, 5 SDP= 600#, 5 min, 20/40 brady sand vices and RU blue i800# and watch is wirelne tools. RD x. 1 bpm returns to	essure test a frac grad)#, showed s. RU BJ cra I, step down ad @ 63 bp Start 1.5# @ , 406#, 10 rr in 2037 bbl e jet wireline for 15 min. 1 o and releas o the pit. Pui	lines to 4800a ient of .48 psi, good ball active ew for frac. P in to 30 bpm ar om and 2618#, 2 66 bpm and 2 in= 386#, 15 r slick water. fl c. RIH and set fest was good e blue jet crev imped total of 9	#, set pop-off @ off. Start rate @ 10 on. Bleed psi ressure test lines and 1450# for 40 Start .5# @ 66 2800#, Called ann 375#. Min psi, luid to recover halliburton 4.5" d. PU 3 1/8" gun v. Pumped into to 90 bbl to circulate
2/8/2001	Held pre	-job safety m	lg. Open w	ell. PU 4.5 " person in d	' halliburton squeeze derrick).Secure well	retainer and RIH s and SDFN.	w/ 44 jts 2 3	3/8" tbg.S/D op	perations due to
2/9/2001	Stand by Called a	/ . Bad weath nd left msg. v	er , shut rig // BLM to n	g down due otify of squ	eto heavy snow. eeze job @ 6:56 am				

AN JUAN 28-7	UNIT 238M	(AWS 1/11/200 Da	aily Summai	γ		Initial Co	ompletic
PI 300392616800	Field Name	Arca EAST	County RIO ARRIBA	State/Province New Mexico	Operator	Ĺ	icense Na
8 Elev (⁽¹⁾) 6166.00	6153.00	(B-CF(N) 13.00	KB-Tubing Head Distance 13.00	N) Plug Back Total Dept 7,150		Spud Date 11/22/2000	Rig Release Date 12/1/2000
Siayi			One i	his Apt			
12/2001	Held pre-iob safe	v mtg Called and left m	nsg w/BLM @ 7:00 am		saueeze iol	. Bleed well do	wn and TiH w
			retainer @ 3735'. Add				
			ould not circulate and v			•	
	pump and tested I	ines to 3000#. Load ba	ackside and put 500# o	n it.Establish a rate	e 2 bpm @	570#.pumped 15	bbl of fresh
			lurry. Pumped 20 bbl a				
	_		broke circulation.Pum		_		
		* *	Celloflake+ 3% Phenos	• •			•
			stinging out of retainer		_	•	
/13/2001			and lines to pit and RD midiate csg. to 500# ar				
71072001			e necesassary as per				
			2/13/2001 .As stated in	-	•		
	determined by dif	erential pressure. PU o	one roller bit and TIH v	v/ 118 jts 2 3/8" tbg	g. and tag c	ement @ 3725'.	Drill retainer a
			ssure test squeeze h	les to 500#. Held t	est for 30 r	min. Test witness	sed by Thoma:
		rgy Services.Secure v					
/14/2001		• -	nd bit. RU blooie T. TIH		_	•	
	ł .	-	arter on gas compress	or. Mechanic left i	DC @ 1U:UL	am to get parts	and did not
/15/2001		3:15 pm. Secure well a Doen well up TIH w/ 54	its. 2 3/8" tbg. Tag ce	ment @ 3830' Blos	w well dry	Drill crot to plug	Ø 3900' TIH
71372001			ll around and TOOH w				@ 3300 . III I
/16/2001			nd pump 20 bbl to kill v				to 200# on the
			TIH w/tbg. and tag fill (
	Secure well and :				•		
		ed by T. Monk w/ Key					
/19/2001			ck pressure. Bleed do				
		_	TIH w/15 jts. Tag fill @	_	et well to c	come around. TO	OH w/15
/20/2001	,		compressors. Secure		1	and to 2 611 (2) 476	ر الدر معمله (22
2/20/2001		•	ressures.Bleed csg d above perfs and secu	_	7 14 115	and tag natez 470	55°. Clean out t
			pressors. Mechanic ca				
2/21/2001			ag no fill. Blow around		sure well be	ore is clean . POC	OH to 4336' an
		is as follows: TBG. @	_				
	700# CSG.						
	350# TBG.						
	1 BOPD						
	20 BWPD						
	NO SAND	ZED ON A 170" CHOKE	. FLOW TEST WAS DO	NE FOR 4 HRS			
	Secure well and	= : :	.1 2011 1231 1143 00	NETOK TIKS.			
2/22/2001			ressures.800# csg. a				
	1 —		w/62 jts and C/O to P	31D of 7125'.Blow	well clean	. POOH and lay-c	lown 96 jts tbi
1/23/2001	Secure well and		ressures, 860# csg. a	nd 880# tha Bleed	cea dowr	Wait for 2 hre fo	or El 4S oross
72372001		•	d LD mill. PU MS,SN an	-	_		
	drift. Secure well			,		· ·	5 11 131 11 Cala 11
2/26/2001			ressures. 850# tbg. 8	0#csg. Bleed csg	. down, kill	tbg. Finish PU FL	4S and 8rd 2
	3/8" tbg. TIH and	tag fill @ 7091', c/otol	PBTD of 7125', POOH				
	flowing up tbg.Se	cure well and SDFN.	- Marie				

	51111 20011 ()	(1/11/2001) ws. Dail	y Summar	V		initial Co	ompletion
API 300392616800		EAST	County RIO ARRIBA	StateProvince New Mexico	Operator		icense Na
KB Elev (N) 6166.00	Graund Elev (N) 8 6153.00	(B-CF(A) x	(B-Tubing Head Distance (N 13.00	Plug Back Total Depth (7,150.	AKB)	Spud Date 11/22/2000	Rig Relate Date 12/1/2000
Start			Ops 77	is Aal			
2/27/2001	FINAL REPORT Held s for DHC C104: 2 3/8" tbg. landed @ 6 tbg. psi= 300# csg. psi= 550# 0 BOPD 20 EWPD 0 Sand Test witnessed by Th			s. KU unit and equi	pment.Pre	o to move unit. Fi	nal test results