PO Drawer D	D 4-4		0844	OIL CONSERVATION DIVISION				-		Instructions on			
District III	u, Artesia, l	NM 88211	-0719		OIL CONSERVATION DIVISION 2040 South Pacheco				Su	bmit to A	ppropriate District C		
1000 Rio Braz	os Rd Art	ec. NM 2	7410		Santa Fe, NM 87505						5 C		
District IV	,		•••				.,				X		AMENDED REP
2040 South Pa		-											
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	Devo	-			Company,	L.P.					6137	Der	
		Broadw	•								for Filing Code		
^ API	Number	homa Ci	<u>iy, Ok</u> T	73102-	-8260	6	Pool Name	<u> </u>		СН	1/1/2000	* Pool	Code
	015-3040)9			Red Lal	ke; Glorieta Y		ast				968	
-	erty Code 23831				I again 2		Property Nam	e					Number
	rface L	ocatio			Logan 3	5 B Federal						9	
UI or lot no.		Township	_	Range	Lot.Idn	Feet from the	North/Sout	h Line	Feet fr	om the	East/West Lin	e	County
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BO UI or lot no.	Section		_		Lot.Idn	Feet from the	North/Sout	h T	Read 6	om the	East/West Lin		
or or not no.	section	Township		Range	Lot. Jan	reet from the	North/Sout	ni Tille	reet ir	om the	Last West Lin	le l	County
¹² Lse Code	¹⁹ Produc	ing Metho	Code		¹⁴ Gas Conn	ection Date	¹⁶ C-129 Perr	nit Numl	er	¹⁶ C-129 I	Effective Date	"c	-129 Expiration Dat
III. Oil a	and Ga	e Trom	mant										
_	and Ga	5 11411	port	CI 5	¹⁹ Transporte	ar Name		POD		²¹ O/G	²² P	OD ULS'	TR Location
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Form 316J-4 (Oc?ober 1990)		DEPART	MEN	TED S	TATE THE	INTER	sហ RIOR	BMIT		PLICATE See other in- tructions on everse side)	N.M. 871-9		Bris:	Bivision	5 F
WELL	CC	MPLETION		RECOM				n I d)G*		Arige	A. NM	AUD	R TRIRE MANE	
la TYPE OF WELL	-			GAS WELL		DRY	Other				NA				•
h TYPE OF COM	PLET			PLUG BACK	_			0202	2122	23	NA	AGREEMEN			
2 NAME OF OPE				`			2	<u>.</u> کې	4	12.52	Logan	35B Fede	-	Eleis 140.	
3. ADDRESS ANI) TEL	EPHONE NO.				12	2 000	ECO	6. 3.	Ň		-30409			
4. LOCATION OF	WEL	20 N. BROAL				any State re	nuirements)	Rr	0			ake(Q-GB		ILDCAT Glor-Yeso,NE	
		L & 2100' FEL,				(0163199	۲¢٢	14	- 69/ J			-	CE AND SURVEY OR	AREA
At top prod. inter	val rej	ported below (S	AME)				~<9g	1027	31-)	S AND	ļ				
At total depth (SAME	5)		,						<u></u>					
				14.9	ERMIT NO.		DATE ISSUE				Eddy (TT OR PAR	ISR	13.STATE NM	
15.DATE SPUDDED	16.D	ATE T.D.REACHED	17.pa 12/2/	TE COMPL. (99	Ready to prod	0	18. ELEVAT: KB 3621';				ETC.) •	19.1	LEV. CAS	SINGHEAD	
20. TOTAL DEPTH, MD 3400'	A TV	21.PLUG, BAC 3050'	K T.D., 1	ID & TVD	NA	TLTIPLE COR	C., HOW HAN	ñ				ROTARY		CABLE TOOLS	
24. PRODUCING INTER Upper San Andres						AND TVD) *		·					25. WAS MADE No	S DIRECTIONAL SU	RVRY
26.TYPB ELECTRIC A	ND 011	HER LOGS RUN				<u> </u>				<u>_</u>	···	27. NAS	I WIRLL CO	ORED	
28.	·	·····				CORD (Rep		gs set i							
CASING SIZE/GRAD	*	WEIGHT, LB./	17.		SET (MD)		IOLE SIZE			F CENERT,	CEMENTIN	B RECORD		AMOUNT PULLED	
8-5/8 J-55 5-1/2" J-55		24#		1147' 3397'		12-1/4"		-+		50 sx "C" 70 sx "C"			NA NA	<u> </u>	
29. SIZE		707 (MD)		NER RECO			SCREED	(10D)	30.	SIZE		TUBING		D PACKER SET () D)
									2-	7/8"	282	0'			
31. PERFORATION R		(lateral size and survey)													
UPPER SANA	4ND	RES	ner)				32. DEPTH II	TERVAL) SHOT, F				QUEEZE, ETC.	
2036'-2434' (25 LOWER SAN		•				1	2036'-24	34'		and the local division of the local division		EFE acid			
2780'-2894' (20							2780'-28					1000 // 100			
2700-2074 (20	70					ł	2036'-24	34		ويستشعف والمتحد	فيندلك ويستكمون			21,000# 100 me	
33.*						PRODU	CTION								
DATE FIRST PRODUCT 12/6/99	TON	Productions Pumping (2-)				size and type of j	pump)						sk i	LL STATUS (Product nd-in) roducing	ing or
DATE OF TEST 12/19/99	24	RS TESTED	CROICE S		PERICO	FOR TEST	OIL-BBL. 105			BAS MCP.		WATER-BE	L	GAS-OIL RAT. 762/1	10
FLOW. TUBING FRESS	•	CASING PRESSURE		ALCULATED 2 ATE		oil-Bal. 105		GA9-1 80	NCF.		илтек-е 254		38	GRAVITI-API (COR	R. }
34. DISPOSITION OF Sold	GAS	(Sold, used for fuel, ren	ted, etc.)							eny Hoket		PET	ER W	FOR RECORD CHESTER	_
35. LIST OF ATTACK														SIER	7
36. I hereby cert	ify t	hat the foregoint	s and att	tached info		ION	UA KUIED	OU12		d from all	BUR	EALL	B ₁₈	2000	<u> </u>
SIGNED	\sim	uya i ×	*(S	ee instruc		TITLE ENG				DA DA	de)	SWF1,	AND A		$\frac{1}{2}$

Title 18 U.S.C. Section 1001, makes 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.

Logan 35B Federal #9, 30-015-30409, LC-028755-A	49, 30-015-30	1409, LC-02875	5-A			
37. SUMMARY OI including depth inte	POROUS Z	ONES: (Show a Ishlon used, time	37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill stem, testa, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):	38.	GEOLOGIC MARKERS	NRKERS
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.			TOP
Premier Sand	1614'	1659'	sandstone		Meag Deptu	Tolip vedt nedtu
San Andres	1659'	3042'	dolomite			
Glorieta	3042'	3119'	sd & dolomite	Bowers	716'	
Yeso	3119'	3397'	dolomite	Queen	913'	
				Grayburg	1372'	
				Metex	1499'	
				Premier	1614'	
				San Andres	1659'	
				Glorieta	3042'	
				Yeso	3119'	
			······		<u> </u>	
		DEPTH	ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC (continued from the front)			
		2780'-2894'	34,000 gals linear gel wtr + 2000# 100 mesh sd + 22,000# 20/40 Brady sd + 11,000#			
			CRC sd.			
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Form 3160-5	UNITE	D STATES	N.M. Oil Cor	ne Division	p
(June 1990)		OF THE INTERIOR	N.M. UII UUI	10: Difficient 3	/
		ND MANAGEMENT	811 S. 1st Str		
			Artesia, NM 8	FORM APPROVED 8210-2834 get Bureau No. 1004-0135 Expires March 31, 1993	
	SUNDRY NOTICES A	ND REPORTS ON WELL	S NI (ODIM)	5. Lease Designation and Serial No.	
Do not use this form f		deepen or reentry to a d		LC-028755-A	
		PERMIT-" for such prop		6. If Indian, Allottee or Tribe Name	
	SUBMIT IN	TRIPLICATE	01020212222	NA	
1. Type of Well			10 10	7. If Unit or CA, Agreement Designation	n
Oil Gas Well Well	Other	151613	25	3/	
2. Name of Operator				5 Vell Name and No.	_1
	Y CORPORATION (NEVADA	314	DCD RECEIL	Logan 35B Federal #9	
3. Address and Telephone No		2			
· · ·		HOMA CITY, OKLAHOMA 731	02 (405) 235-3611	9. API Well No. 30-015-30409	
		\mathbf{N}			
	Sec., T., R., M., or Survey Desc	ription)	15342628		
990' FSL & 2100' FEI	of Section 35-T17S-R27	E, Unit "O"	99956	Red Lake(Q-GB-SA) & Glorieta- Yeso,NE	
				11. County or Parish, State	
				Eddy County, NM	/
<u> </u>					
CHECK APP	ROPRIATE BOX(S) T	O INDICATE NATURE	OF NOTICE, REF	PORT, OR OTHER DATA	
TYPE OF SUB	MISSION		TYPE OF ACTION	4	
Notice of Intent		Abandonment		Change of Plans	
		Recompletion		New Construction	
Subsequent Report		Plugging Back		Non-Routine Fracturing	
		Casing Repair		Water Shut-Off	
Final Abandonment Noti	ce	Altering Casing		Conversion to Injection	
		Other <u>Recompletion</u>	1	Dispose Water	
				(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	
13. Describe Proposed or Comple	ted Operations (Clearly state all pertin	sent details, and give pertinent dates, inc	luding estimated date of starting	g any proposed work. If well is directionally drilled,	give
subsurface locations and n	casured and true vertical depths for a	ll markers and zones pertinent to this wo	rk.)*		
Devon Energy Com	oration (Nevada) reco	maleted as follows: TO	U w/ rada & num	D. ND wellhead. NU BOP. TO	าบ
				, 92', 97', 2802', 12', 18', 24', 30	
				ndres 2780'-2894' w/ 2000 gal	
				2780'-2894'. TIH w/ RBP, set	
2507' & tested to 10	00#. Perf'd Upper Sa	n Andres @ 2036', 44', :	50', 76', 98', 2142',	62', 85', 2219', 24', 43', 62', 78	', 80',
86', 96', 2302', 06', 3	2', 46', 58', 64', 2404',	23', 34', for a total of 2	5 holes. Acidized	Upper San Andres 2036'-2434	'w/
		· · · ·		rieved RBP. Ran 2-7/8" produ	
	- · · ·			• • • • • • • • • • • • • • • • • • •	
and production from	the Veso and San An	dres downhole commin		date, the CIBP will be drilled ministrative Order DHC-2390 PETER W CURPTED FOR RECORD))
and production non			BIGG (IMMOCD A	PETED FOR RECORD	<i>)</i> .
			1	PETER W. CHESTER	
)		
				FED .	
			ŝ	FEB 1 8 2000	
		-	B	URFAIL	
14. I hereby certify that the fo	regoing is true and correct	•	L	ROSWELL RESOURCE AREA	
. //	. 1/	/ Tonja Rutele	mis	COURCE AREA	
Signed	a Katelou	Title Engineering	Technician	Date 1/10/00	
(This space for Federal or Stat	e office use)				
Approved by	-	Title		Date	
Conditions of approval, if any	•				-
••••••••••••••••••••••••••••••••••••••	•				-
					-
		·			_
	es it a crime for any person knowingl	y and willfully to make to any department	it or agency of the United State	s any false, fictitious or fraudulent statements or repr	sentations

(June 1990) DEPARTME BUREAU OF	ITED STATES N.M. Oil Cons. INT OF THE INTERIOR 811 S. 1st Street LAND MANAGEMENT Artesia, NM 882	210-2834 FORM APPROVED Budget Bureau No. 1004-0135 Expires March 31, 1993
	S AND REPORTS ON WELLS or to deepen or reentry to a different reservoir.	5. Lease Designation and Serial No.
	OR PERMIT—" for such proposals	6. If Indian, Allottee or Tribe Name
	T IN TRIPLICATE	NA 7. If Unit or CA, Agreement Designation
1. Type of Well Solution Gas Conternation Other		8. Well Name and No.
2. Name of Operator DEVON ENERGY CORPORATION (NEX	/ADA)	Logan 35B Federal #9
3. Address and Telephone No. 20 NORTH BROADWAY, SUITE 1500, (DKLAHOMA CITY, OKLAHOMA 73102 (405) 235-3811	9. API Well No. 30-015-30409
4. Location of Well (Footage. Sec., T., R., M., or Survey 990' FSL & 2100' FEL of Section 35-T17S		10. Field and Pool, or Exploratory Area Red LakeQ-GB-SA, Glor-Yeso, NE 11. County or Parish, State
		Eddy County, NM
CHECK APPROPRIATE BOX	(s) TO INDICATE NATURE OF NOTICE, REF	PORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	N
Notice of Intent	Abandonment Recompletion	Change of Plans
Subsequent Report	Plugging Back	Non-Routine Fracturing
Final Abandonment Notice	Casing Repair Altering Casing Other Drill out CIBP to downhole commingle	Water Shut-Off Conversion to Injection San Andres & Yeso Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

15 2

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

2/1/00 RU Key Well Service. TOH w/ rods & pump. ND wellhead, NU BOP. PU drill collars & TIH. Drilled out CIBP @ 3050' & cleaned out fill to original PBTD @ 3392'. Ran 2-7/8" tbg & set SN @ 3289'. Ran pump & rods. Began pump testing.

Downhole commingled U. San Andres (2036'-2434'), L. San Andres (2780'-2894'), U. & L. Yeso (3140'-3258'), & L. Yeso (3318'-3376') perforations per NMOCD Administrative Order DHC-2390.

ACCEPTED FOR RECORD (ORIG. SGD.) GARY GOURLEY	18 19202722 292722
BLM	29270
14. I hereby certify that the foregoing is true and correct	
Tonja Rutelonis	
Signed Title Engineering Technician Date 2/8/00	
(This space for Federal or State office use)	
Approved by Title Date Date	

Title 18 U.S.C. Section 1001, makes 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 to any matter within its jurisdiction.

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(June 1990) DEPARTM	NITED STATES ENT OF THE INTERIOR F LAND MANAGEMENT Artesia, NM 82	
Do not use this form for proposals to dri	ES AND REPORTS ON WELLS ill or to deepen or reentry to a different reservoir. FOR PERMIT—" for such proposals	Budget Bureau No. 1004-0135 Expires March 31, 1993 5. Lease Designation and Serial No. LC-026874-B 6. If Indian, Allottee or Tribe Name
SUBN	AIT IN TRIPLICATE	NA 7. If Unit or CA, Agreement Designation
Type of Well Gas Well Gas Gas Other		8. Well Name and No.
DEVON ENERGY CORPORATION (N 3. Address and Telephone No.		Eagle 33N Federal #9 9. API Well No.
4. Location of Well (Footage. Sec., T., R., M., or Surv		30-015-29080 10. Field and Pool, or Exploratory Area Red Lake.Q-GB-SA&Glor-Yeso
990' FSL & 1650' FWL, Section 33-17S-	27E, Unit "N"	11. County or Parish, State Eddy County, NM
	K(s) TO INDICATE NATURE OF NOTICE, R	EPORT, OR OTHER DATA
TYPE OF SUBMISSION Notice of Intent	TYPE OF ACT	Change of Plans
Subsequent Report	Recompletion Plugging Back Casing Repair	New Construction Non-Routine Fracturing Water Shut-Off
Final Abandonment Notice	Altering Casing X Other <u>Reperf & stimulate San Andres & do</u>	Conversion to Injection
	e all pertinent details, and give pertinent dates, including estimated date of st	

1/18/00 RU Key Well Service. TOH w/ rods & pump. ND wellhead & NU BOP. TOH w/ tbg. Reperforated San Andres 1863', 1868', 1990', 2012', 2037', 2048', 2073', 2080', 2093', 2099', 2113', 2131', 2150', 2154', 2158', 2160', 2179', & 2221' for a total of 18 holes.

PU RBP, pkr, SN & TIH on 2-7/8" tbg. Set RBP @ 2350', tested to 1000 psi. Pulled pkr to 1700'. Spotted acid across San Andres perfs. Set pkr @ 1700'. Acidized San Andres perfs @ 1863'-2221' w/ 1500 gals 15% NE-FE acid using 70 ball sealers @ max rate & pressure of 6 BPM & 1640 psi, respectively. ISIP 1110#.

Frac'd San Andres @ 1863'-2221' w/ 36,000 gals prepad + 48,000 gal linear gel + 2000# 100 mesh sand + 34,000# 20/40 Brady sand + 15,000# curable resin coated sand. ISIP 1220#, closed @ 750#. NU BOP, PU retrieving head. TIH, washed out sand fill, released RBP. TOH & LD RBP. Ran tbg, pump & rods. Began pump testing.

Downhole commingled San Andres (1863'-2221'), Glorieta (2815'-2898') & Yeso (3094'-3178') per NMOCD Administrative Order DHC-2330.

-					
	14. I hereby certify that the foregoing is frue and correct	,			
			Tonja Rutelonis		
	Signed Min Furtelow	Title	Engineering Technician	Daw	
	(This space for Federal or State office use)				
	Approved by	Title		Date	
	Conditions of approval, if any:	Inte_		Dave	
-	Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to to any matter within its jurisdiction.	make to	o any department or agency of the United States any fals	e, fictit	ious or fraudulent statements or representation

(June 1990) DEPARTMEN	TED STATES NT OF THE INTERIOR N. M. Oil Cons. D B11 S. 1ST ST. ARTESIA, NM 88210-2	FORM APPROVED
Do not use this form for proposals to drill o	S AND REPORTS ON WELLS or to deepen or reentry to a different reservoir. DR PERMIT—" for such proposals	5. Lease Designation and Serial No. LC-028755-A 6. If Indian, Allottee or Tribe Name
	IN TRIPLICATE	NA 7. If Unit or CA, Agreement Designation
1. Type of Well Oil Gas Well Other	1314 15 16 17 18 19 20 27 23 23 4 15 16 17 18 19 20 27 23	- 8. Well Name and No.
2. Name of Operator V DEVON ENERGY CORPORATION (NEV		Logan 35B Federal #9
3. Address and Telephone No. 20 NORTH BROADWAY, SUITE 1500, O		9. API Well No. 30-015-30409
 Location of Well (Footage. Sec., T., R., M., or Survey 990' FSL & 2100' FEL of Section 35-T17S- 		 10. Field and Pool, or Exploratory Area Red Lake; Glorieta-Yeso, NE 11. County or Parish, State Eddy County, NM
CHECK APPROPRIATE BOX() TO INDICATE NATURE OF NOTICE, REPO	
TYPE OF SUBMISSION	TYPE OF ACTION	
Notice of Intent Subsequent Report	Abandonment Recompletion Plugging Back Casing Repair	Change of Plans Change of Plans New Construction Non-Routine Fracturing Water Shut-Off
Final Abandonment Notice	Altering Casing Other	Conversion to Injection 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 subsurface locations and measured and true vertical depths 	pertinent details, and give pertinent dates, including estimated date of starting a for all markers and zones pertinent to this work.)*	ny proposed work. If well is directionally drilled, give
Devon Energy Corporation (Nevada) p	lans to recomplete as follows: TOH w/ rods &	pump. ND wellhead, NU BOP.

TOH w/ tbg. PU CIBP & TIH on tbg, set CIBP @ ±3200'. Test CIBP to 1000 psi. Perf San Andres @ 2780'-2894'. Acidize San Andres. TIH w/ tbg & swab test. TOH & frac down csg. TIH w/ RBP on tbg & set @ ±2600'. Test RBP to 1000 psi. Perf San Andres @ 2036'-2434'. Acidize & frac San Andres down csg. Retrieve RBP. Run pumping equipment & pump test until production stabilizes. TOH w/ rods & pump. ND wellhead, NU BOP. PU 4-3/4" bit & TIH. Drill out CIBP & clean out to original PBTD @ 3392'. Run 2-7/8" tbg & set SN @ ±3300'. Run pump & rods. Pump test until production stabilizes. Production from San Andres and Yeso commingled per NMOCD Administrative Order DHC-2390.

		LIKE APP BY STATE	ROVA	L	
14. I hereby certify that the foregoing is the and correct Signed	Title	Tonja Rutelonis Engineering Technician	Date:	9/9/99	
(This space for Federal or State office use) Approved by (ORIG. SGD.) DAVID R. GLASS Conditions of approval, if any:	Title_	PETROLEUM ENGINEER	Date _	SEP 1 6 1999	

SHR ECT TO

Title 18 U.S.C. Section 1001, makes 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 to any matter within its jurisdiction.

Form 3160-5	UNI	TED STATES		· · · · · · · · · · · · · · · · · · ·
(June 1990)	DEPARTMEN	NT OF THE INTERIOR	N.M. Oil Co	ns. Division
		LAND MANAGEMENT		A FORM APPROVED
	DOKLAU OF		811 S. 1st Str	Budget Bureau No. 1004-0135
	SUNDRY NOTICES	AND REPORTS ON WELLS	Artesia, NM 8	5. Dease Designation and Serial No.
		r to deepen or reentry to a diffe		LC-028755-A
	ISE APPLICATION FO	DR PERMIT—" for such proposa		6. If Indian, Allottee or Tribe Name
	SUBMIT	IN TRIPLICATE	-123455	NA
1. Type of Well	······································		4 5	7. If Unit or CA, Agreement Designation
⊠ Gas Well □ Gas			110 00	- 8. Weil Name and No.
2. Name of Operator		Pr/	- 1009 E	- 8. Weil Name and No.
DEVON ENER	GY CORPORATION (NEV)		EIVED	Logan 35B Federai #9
3. Address and Telephone	No.		ARTESIA N	9. API Weil No.
20 NORTH BR	OADWAY, SUITE 1500, OI	KLAHOMA CITY, OKLAHOMA 73102	(405) 235-361	30-015-30409
A Logation of Wall (Footo	ge. Sec., T., R., M., or Survey	/ <u>~</u>		- 10. Field and Pool, or Exploratory Area
	EL of Section 35-T17S-		618141913	Red Lake; Glorieta-Yeso, NE
390 FOL & 2100 F	EF 01 960001 99-1 1/ 9-1	K2/E, Unit O		11. County or Parish, State
		<u></u>		Eddy County, NM
				Eddy County, NW
CHECK AP) TO INDICATE NATURE O	F NOTICE, REPO	ORT. OR OTHER DATA
TYPE OF SU		/	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 No	otice	Altering Casing		Conversion to Injection
		Other Add perfs & stir	<u>ulate</u>	Dispose Water (Note: Report results of multiple completion on Well
				Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Devon Energy Corporation (Nevada) additionally perforated the Lower Yeso and stimulated as follows: Work began on 7/12/99. TOH w/ 2-7/8" tbg, PU 4-3/4" bit & TIH. Drilled out FC & shoe jt from 3353'-3392'. TOH & LD btm 4 jts tbg. TIH w/ 4" csg gun & perforated L. Yeso w/ 1 SPF as follows: 3318', 20', 26', 30', 36', 41', 50', 55', 58', 60', 64', & 76' for a total of 12 holes (.40" EHD). TIH w/ pkr & set @ 3270'. Acidized L. Yeso perfs 3318'-3376' w/ 1000 gals 20% NE-FE acid + 24 ball sealers @ max rate & pressure of 6.9 BPM & 3500 psi. Did not ball out, went on vac instantly. Lowered pkr past perfs to knock balls off. Reset pkr. Acid fractured L. Yeso perfs 3318'-3376' w/ 12,000 gals 20% NE-FE acid. Flowed well down. Released pkr, TOH & LD pkr. Ran 2-7/8" tbg & set SN @ 3289'. Ran pump & rods & tested until production stabilized.

14. I hereby certify that the foregoing is the and correct Signed Mink Fullow	Tonja Rutelonis Title <u>Engineering Technic</u>	ian Date 1/27/99
(This space for Federal or State office use) Approved by	Title	PETER W. CHESTER
Conditions of approval, if any:		JUL 3 0 1999
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and will to any matter within its jurisdiction.	fully to make to any department or agend	cy of the United States and takes fighting or fraudulent statements or representation
	*See Instruction on Revers	e Side

Form 3160-5 (June 1990)	DEPARTMEN	TED STATES VT OF THE INTERIOR LAND MANAGEMENT	N.M. Oil Cons. Division 811 S. 1st Street Artesia, NM 88210-2862RM APPROVED Budget Bureau No. 1004-0135 Expires March 31, 1993
Do not use this f	orm for proposals to drill o	AND REPORTS ON WELLS or to deepen or reentry to a diffe OR PERMIT—" for such propos	5. Lease Designation and Serial No. Erent reservoir. LC-028755-A
I. Type of Well	SUBMIT	IN TRIPLICATE	NA 7. If Unit or CA, Agreement Designation
Oil Well Well Oil Well Operator DEVON E Address and Teleph 20 NORTH Location of Well (F	NERGY CORPORATION (NEV)	KLAHOMA CITY, OKLAHOMA 73102 Description)	8. Well Name and No. Logan 35B Federal #9 9. API Weil No. 30-015-30409 10. Field and Pool, or Exploratory Area Red Lake; Glorieta-Yeso, NE 11. County or Parish, State Eddy County, NM
	APPROPRIATE BOX(S) TO INDICATE NATURE C	OF NOTICE, REPORT, OR OTHER DATA 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 No		Altering Casing	Conversion to Injection
	\boxtimes	Other Add perfs & stimulate	Dispose Water
			e: Report results of multiple completion on Well pletion or Recompletion Report and Log form.)

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Devon Energy Corporation (Nevada) plans to additionally perforate the Lower Yeso and stimulate as follows: TOH w/ 2-7/8" tbg, PU 4-3/4" bit & TIH. Drill out FC & shoe jt from 3353'-3392'. TOH & LD btm 4 jts tbg. TIH w/ 4" csg gun & perforate L. Yeso 3318'-3376' (12 holes). TIH w/ pkr & set @ ±3280'. Acidize L. Yeso perfs 3318'-3376' w/ 1000 gals 20% NE-FE acid + 24 ball sealers @ max rate & pressure of 6 BPM & 4000 psi. Flush to btm perf w/ fresh wtr containing 1 gal/1000 surfactant. After ballout acid job, acid frac L. Yeso 3318'-3376' w/ 12,000 gals 20% NE-FE acid @ rate of 18 BPM & max pressure of 4000 psi. Flush to btm perf w/ fresh wtr containing 1 gal/1000 surfactant. Flow well down. Release pkr, TOH & LD pkr. Run 2-7/8" tbg & set SN @ ±3300'. Run pump & rods & test until production stabilizes.

	OCD RECEIPTER		AVID R. GL	SS	
14. I hereby certify that the foregoing is the and corr	ect				
		Tonja Rutelonis			
	Title	Engineering Technician	Date	<u>7/9/99</u>	۹
(This space for Federal or State office use)					
Approved by Conditions of approval, if any:	Title		Date _	<u> </u>	

Title 18 U.S.C. Section 1001, makes 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 to any matter within its jurisdiction.

Form 3160-5 (June 1990) DEPART BUREAU	UNITED STATES MENT OF THE INTERIOR N.M. Oil Cons OF LAND MANAGEMEN811 S. 1st Stree Artesia, NM 38	5. Division 51 210-2834 FORM APPROVED Budget Bureau No. 1004-0135 Expires March 31, 1993
Do not use this form for proposals to	ICES AND REPORTS ON WELLS drill or to deepen or reentry to a different reservoir N FOR PERMIT—" for such proposals	5. Lease Designation and Serial No.
SUE	BMIT IN TRIPLICATE	NA 7. If Unit or CA, Agreement Designation
Type of Well Gas Well Well Gas Well Other Other	00, OKLAHOMA CITY, OKLAHOMA 73102 (405) 235-3611 urvey Description)	8. Well Name and No. Logan 35B Federal #9 9. API Well No.
CHECK APPROPRIATE BO	OX(s) TO INDICATE NATURE OF NOTICE,	REPORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF AC	TION
Notice of Intent	Abandonment	Change of Plans

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
	Other <u>Downhole Commingling</u>	Dispose Water
		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log from)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Devon Energy Corporation (Nevada) has applied with the New Mexico Oil Conservation Division and the Bureau of Land Management requesting the Logan 35 B Federal #9 be downhole commingled in the Red Lake (Q-GB-SA) and Red Lake; Glorieta-Yeso, NE Fields.

A copy of the NMOCD Application for Downhole Commingling is attached.



14. I hereby certify that the foregoing is the and correct		
the the	Tonja Rutelonis	
Signed Signed	Title Engineering Technician	Date 6/15/99
(This space for Federal or State office use)		
Approved by ORIG. SGD.) GARY GOURLEY	Title PETROLEUM ENGINEE	Date AIN 2 2 1999

Title 18 U.S.C. Section 1001, makes 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 to any matter within its jurisdiction.



NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION DISTRICT II ARTESIA 811 S. FIRST ST. ARTESIA, NM 88210 (505) 748-1283 FAX (505) 748-9720

Jennifer A. Salisbury CABINET SECRETARY

June 2, 1999

Devon Energy Corporation 20 North Broadway, Suite 1500 Oklahoma City, OK 73102-8260

Re: Well Placed In Pool

Gentlemen/Madams:

As the result of Division Order 11160, the following described gas well has been placed in the pool shown below. This change in nomenclature has been made in our files. Please change your records to reflect the proper pool name. All subsequent reports must show this nomenclature until further notice.

Red Lake; Glorieta-Yeso, Northeast Oil Pool Logan '35B' Federal #9 Unit O, Section 35, Township 17 South, Range 27 NMPM Poolcode: 96836

Transporters are advised by copy of this letter, to change their records to reflect the pool name as established by this order, effective January 1, 1998.

Sincerely,

Bryn Arrand

Bryan Arrant District Geologist

Cc: GPM Gas Corporation Amoco Pipeline ICT Santa Fe Mae Well File BLM

24	in the second		
Form 3160-5	UNITED STATES		
(June 1990) DEPA	ARTMENT OF THE INTERIOR		51
BURE	AU OF LAND MANAGEMENT	. 3	A CORMAPPROVED Bidget Bureau No. 1004-0135 Excires March 31, 1993
SUNDRY	NOTICES AND REPORTS ON WELL	5	5. Lease Designation and Serial No.
	is to drill or to deepen or reentry to a di		LC-028755-A
Use "APPLIC	ATION FOR PERMIT—* for such prope	osals	6. If Indian, Allottee or Tribe Name
	SUBMIT IN TRIPLICATE	222324252622	NA
1. Type of Weil	······		. 7. If Unit or CA, Agreement Designation
Vil Gas Other	/	214 4	
2. Name of Operator		AN 100	8. Well Name and No.
DEVON ENERGY CORPORAT	TION (NEVADA)		Togan 35B Federal #9
3. Address and Telephone No.		UCD ADVEU	9. API Well No.
20 NORTH BROADWAY, SUI	TE 1500, OKLAHOMA CITY, OKLAHOMA 73(1	2 (405) 235-36118/2	30-015-30409
4. Location of Well (Footage. Sec., T., R., M	(or Survey Description)		10. Field and Pool, or Exploratory Area
990' FSL & 2100' FEL of Section			NE Red Lake (Glorieta-Yeso)
			11. County or Parish, State
			Eddy County, NM
	E BOX(s) TO INDICATE NATURE		KI, UK UINEK 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
	Completion	Dispose Water
		(Note: Report results of multiple completion on Well
	44 ¹	Completion or Percompletion Report and Los form)

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

10-23-98 RU Wedge WL. Ran bond log from 3353' to surf. Perf'd Lower Yeso w/1 SPF as follows: 3226, 28, 30, 32, 34, 36, 38, 40, 42, 48, 50, 52, 54, 56, & 58, for a total of 15 holes (.40" EHD).

Acidize Lower Yeso perfs 3226'-3258' w/ 1500 gals NEFE acid, ISIP 731#. Swab tested.

Set RBP @ 3200'. Tested RBP to 1000 psi.

Perf'd Upper Yeso w/ 1 SPF as follows: 3140, 42, 44, 46, 48, 50, 52, 54, 56, 57, 60, 64, 66, 68, & 72 for a total of 15 holes (.40" EHD).

Acidize Upper Yeso perfs 3140'-3172' w/ 1500 gals 15% acid, ISIP 600#.

Frac'd Upper Yeso perfs 3140'-3172' w/ 88,000 gals linear gel water + 3000# 100 mesh sand + 70,000# 20/40 Brady sand + 14,000# CRC sand. ISIP 1800#. Circ'd out sand fill & TOH w/ RBP.

Ran 2-7/8" production tbg, SN set at 3106'. Ran pump and rods. Began pump testing.

14. I hereby certify that the foregoing is true and correct					
1. Vai		Tonja Rutelonis			
Signed The Tartelous	Title	Engineering Technician	Date	<u>12/28/98</u>	
(This space for Federal or State office use)					
Approved by	Title		Date		
Conditions of approval, if any:			AATERTE MAR STA	ann (
			CCEPTED FOR REC		
		0	IG. SGD.) DAVID	r. Glass	
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and wi to any matter within its jurisdiction.	illfully to make t	o any department or agency of	the Unidentity steer any walsh first	ious or fraudulent stateme	nts or representatio
	*See Instr	uction on Reverse S	ide BLM		

Form 3160-4 (October 1990)	DI	EPART	IENT	OF	TATE THE	INTE	RIOR	BMIT 1	struct	iher in-				PPROVED GY
										e side)	LC-02			
									JG	-	NA NA	IDIAN, AL	LOTTER	OR TRIBE NAME
LA TYPE OF WEL		OIL	<u>N</u>	WELL L	'		Other				7.UNIT NA	AGREEMEN	t NAME	<u> </u>
L TYPE OF COM	APLETION:	2557-	٦	PLUG BACK			Other		<u>))) (</u>	234		OR LEASE	NAME .	WELL NO.
2 NAME OF OP	ERATOR								24252			35B Fede		
3. ADDRESS AN		EVON ENER	GY CO	RPORA	TION (N	EVADA)	22.	324252	<u></u>	9.API 1 30-015	-30409		
	20	N. BROADY							<u>5-3611</u>			D AND PO		
4. LOCATION OI At surface		port location ci 2100' FEL, Un		in accord	lance with	any State	- /	*			1	d Lake (C		I-YESO) LOCK AND SURVEY OR AREA
							61718	.0CD	ECEL	-		35-T178		
At top prod. inte	•	d below (SA)	ME)		. •.	i da si	ون)	, ,	0.5 -					
At total depth	(SAME)				RAIT NO.		DATE ISSUE				12 000	Y OR PAR	7 64	13. STATE
							9/22/98	5			Eddy C			NM
15.DATE SPUDDED 11/7/98	16.DATE 1 11/14/98	.D.REACHED	17.DATE 12/2/98	COMPL. (1	Ready to prod	,	18. ELEVAT KB 3621';	-	• •		ETC.) *	19.5	LEV. C	AS INCHEAD
20. TOTAL DEPTH, M		21. PLUG, BACK	T.D., MD	4 TVD		LTIPLE CO	MPL., HOW MAL	W.			ERVALS	ROTARY		CABLE TOOLS
3397'		3353'			NA						<u> </u>			AS DIRECTIONAL SURVEY
24. PRODUCING INTE Upper and Lower			108-109,	BOTTOM, B		AND TVD) -	•	<u>.</u>					No	AS DIRECTIONAL SURVEY
26. TYPE ELECTRIC LDT/CNL/DLL/N					Υ.	î y	Sec.		ta la constante de la constante	. ,		27. WAS No	WELL :	CORED
28.							eport all strin	ga set h				·		
CASING SIZE/GRA		WEIGHT, LB./FT		DEPTH S	ET (MD)		HOLE SIZE		TOP OF CE		IDAGINT ING	RECORD	NA	AMOUNT PULLED
8-5/8 J-55 5-1/2" J-55	24#			147' 397'	<u> </u>	12-1/-	-		surf;650 s surf:670 s				NA NA	<u> </u>
· · ·							<u> </u>							······
							·							
29. 31ZE	TOP	(140)	LINE BOTTOM	(MD)		CEMENT*	SCRUDD	(00)	30.	512E		FUBING		RD PACKER SET (MD)
						· <u> </u>			2-7/8"	·····	310	5'		<u> </u>
								÷						
31. PERFORATION F	•	ral, size and number	•				32.		ACID SE	IOT, F	RACTUR	ue, cemi	EMNT	SQUEEZE, ETC.
3140'-3172' (1	-	HT) holes)					DEPTH D							ATERIAL USED
LOWER YES							3226'-32			1500 gals NEFE acid				
300 (1 2050) (15 (0)) FID L L)					كرمي ومشتقت وعداد	wtr +	- 3000# 100 mesh sd							
•		,												- 14,000# CRC sd.
33.*							UCTION							
DATE FIRST PRODUC 12/11/98		PRODUCTIONS ME Pumping (2-1/2				die and type	0) înmă)							TELL STATUS (Producing or thus-in) Producing
DATE OF TEST 12/18/98	HOURS T	ESTED	CHORE SIZ	E	PROD'N PERIOD	FOR TEST	OIL-BBL. 56		63 63	MCP.		VATER-BE	L.	GAS-OIL RATIO 1125/1
FLOW. TUBING PRES	S. CASI	ng pressure	CALC	CULATED 2		OIL-BBL 56		<i>ଭ</i> କ୍ତ ସ			WATER-BI 336	BL.	011 42	GRAVITY-API (CORR.)
34. DISPOSITION C Sold	DT GAS (Sold,	used for fuel, vented	l, etc.)			٢	ACCEPTE	D FO	RASEO	The ss	D BY			· · ·
35. LIST OF ATTAC			¢				(DRIG. S	GD.)	2 1999	/ n. . G				
C.	An A	the foregoing	And attac	hed infor		- te	ONIA RUTEL	ONIS.	•		-			
SIGNED		ja / xe	prop	ur	•		IGINEERING	TECH	NICIAN	DA	H E. <u>Decen</u>	nber 28, 1	778	

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*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes 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.

SUMMARY (ading depth in	terval tested, c	ushion used, time	Dr. SUMMAANS OF FORCOS ZUMES: (SHOW BU HUPOTAUR ZOURS OF POTORIY AND CONCUS HIELOU; COTO INCE VARS, AND BU UTH SECH, 19943, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):	38.		
FORMATION	ToP	BOTTOM	DESCRIPTION, CONTENTS, ETC.			TOP
Premier Sand	1614'	1659'	sandstone	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Glorieta	3042*	3119	automate sd & dolomite	Bowers	716'	
Yeso	3119'	3397	dolomite	Queen	913'	
				Grayburg	1372'	
				Meter	1499'	
				Premier	1614'	
				San Andres	1659'	
				Glorieta	3042'	
				Yeso	3119'	
		DEPTH	ACID, SHOT, I'RACTURB, CEMENT SOUBEZZ, ETC. (continued from the front)			

L & M DRILLING, INC. OIL WELL DRILLING CONTRACTORS ARTESIA. NEW MEXICO 88211-1370 PO BOX 1370 (505) 746-4405 746-3518 748-2205 22232425262

4 14

.

November 17, 1998

Devon Energy Corporation 20 North Broadway, Suite 1500 Oklahoma City, OK 73102-8260

RE:

Logan 35 Federal #9 990' FSL & 2100' FEL Sec. 35, T17S, R27E Eddy County, New Mexico

Gentlemen:

The following is a Deviation Survey for the above captioned well.

DEPTH	DEVIATION
176'	1/ 4 °
357'	1/4°
530'	3/4°
616'	1°
798 '	1 1/2°
984'	10 ····
1124'	` 1 °
1615'	1 1/4°
2113'	1 3/4°
2608'	1 3/4°
3009'	1 1/2°
3361'	2°
3400'	2°

Very truly yours,

Eddie C. LaRue Vice President STATE OF NEW MEXICO COUNTY OF EDDY The foregoing was acknowledged before me SEAL this 17th day of November, 1998. RECINIA L. CARHER ha NOTARY PHOLIC NEW MEXICO Notary Public ARY DOND FILED WITH SEC RETARY OF STATE mission Expinse hahn Cont

98_11_60.DOC

SERVING SOUTHEAST NEW MEXICO AND WEST TEXAS SINGE 1978

istrict I O Box 1980, Hobbs, NM 88241	-1980	Energ	State of] y, Minerals & Na	tural Resou	rces Depar	tment 🦯	04 25 26	>> 51	Revised October 18, 19
listrict II			State of J y, Minerals & Na CONSERV 2040 Son Santa Fe E AND AUT		• **	222	<i>L</i>	- 28-29	Instructions on ba
O Drawer DD, Artesia, NM 88	211-0719	OIL	CONSERV	ATION	DIVIS	ION		Submit to	Appropriate District Off
istrict III			2040 Sou	uth Pac	heco /	926	38.6		5 Cop
000 Rio Brazos Rd., Aztec, NM	1 87410		Santa Fe	, NM 8	7505	121	FOL		
istrict IV					(Fo			AMENDED REPOI
040 South Pacheco, Santa Fe, 1 DEOUES	T FOR ALLO	WARLE	TAND ATT	THORY		NTO	TRANS'	PORT	
	Operator Name and A	Address					CL 2 OG	RID Number	
	rgy Corporation							6137	
	dway, Suite 150					,	Reason for Fi		
	City, OK 73102	2-8260				. <u>.</u>	<u>N</u>	······································	
⁴ API Number 30-015-30409				ool Name Lake (Gi	orieta-Ve	ഹ		Ö	vol Code
Property Code				roperty Nan	_		······································	· w	Vell Number
23714			Logan 3	5B Feder	al				9
II "Surface Locat	ion		. <u></u>						
JI or lot no. Section Town	•	Lot.Idn	Feet from the	North/Sou		Feet from	·· · ·	t/West Line	County
0 35	17S 27E		990	sou	<u>th</u>		2100	east	Eddy
Bottom Hole				by dim	A. T		1. In.	4 /11 P	<u> </u>
JI or lot no. Section Town	ship Range	Lot.Idn	Feet from the	North/Sou	ui l'iuc	Feet from	uic Eas	t/West Line	County
¹² Lse Code ¹⁹ Producing Ma	ethod Code	"Gas Conne	ction Date	¹⁵ C-129 Per	mit Number		C-129 Effect	ive Date	C-129 Expiration Date
	ping		12/18/98						
II. Oil and Gas Tr	ansporters								
"Transporter		" Transporte and Addre			* POD	1	0/G		LSTR Location
OGRID 9171	GPM	Gas Corp.	ess				G	and De	scripuon
<i>7111</i>		enbrook		2	8224	84		Sectio	on O-35-17S-27E
	Odessa	a, TX 7976	52						
138648	Amoco	Pipeline l	ICT		- 1 -	,	0	<u> </u>	
		-		•	049	(7 7		Sectio	n O-35-178-27E
502 NW Avenue Levelland, TX 79336									
			9336	æ	DDD	1001			
			9336		NHH(2031			
			9336		N <i>F</i> 	703			
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			9336						
IV. Produced Wate									
²⁶ POD				* POD ULS			Tiption		
2822685	Leveli:						#iption		
^{* POD} 2822685 V. Well Completion	Levelli er n Data	and, TX 7		[™] POD ULS	TR Locatio	n and Dese			
[*] POD 282685 V. Well Completion [*] Spud Date	Er Data Ready Date	and, TX 7		* POD ULS	TTR Locatio	n and Desa	Perforations		* DHC, DC, MC
* POD 282685 V. Well Completion * Spud Date 11/7/98 * Hole Size	Levelli er n Data	and, TX 7	397'	* POD ULS	TR Locatio	n and Dese * Depth Se	Perforations 3140'-325	58	
* POD 2822685 V. Well Completion * Spud Date 11/7/98 * Hole Size 12-1/4"	Er Data Ready Date	and, TX 7	397'	* POD ULS	TR Locatio	n and Dese ⁹ Depth Se 1147'	Perforations 3140'-325	58	° DHC, DC, MC acks Cement 650
[*] POD 282685 V. Well Completion * Spud Date 11/7/98 * Hole Size	Er Data Ready Date	and, TX 7	397'	* POD ULS	TR Locatio	n and Dese Depth Se 1147' 3397'	Perforations 3140'-325	58	° DHC, DC, MC acks Cement
* POD 2822685 V. Well Completion * Spud Date 11/7/98 * Hole Size 12-1/4"	Er Data Ready Date	and, TX 7	397'	* POD ULS	TR Locatio	n and Dese ⁹ Depth Se 1147'	Perforations 3140'-325	58	° DHC, DC, MC acks Cement 650
* POD 2822685 V. Well Completion * Spud Date 11/7/98 * Hole Size 12-1/4"	Er Provensional States of the second states of the	and, TX 7	397'	* POD ULS	TR Locatio	n and Dese Depth Se 1147' 3397'	Perforations 3140'-325	58	° DHC, DC, MC acks Cement 650
[*] POD 2822685 V. Well Completion [*] Spud Date 11/7/98 [*] Hole Size 12-1/4" 7-7/8" VI. Well Test Data [*] Date New Oil	Er Data * Gas Delivery D	and, TX 7	397' Tubing Size	²⁴ POD ULS ²⁸ PB ⁻ 3	TR Locatio	n and Dese Depth Se 1147' 3397' 3106'	Perforations 3140'-325 4	58	° DHC, DC, MC acks Cement 650 670
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[*] POD 2822685 V. Well Completion [*] Spud Date 11/7/98 [*] Hole Size 12-1/4" 7-7/8" VI. Well Test Data [*] Date New Oil	Er Data * Gas Delivery D	and, TX 7 ²⁷ TD 3. ³⁰ Casing & 7 8-5/8" 5-1/2" 2-7/8" ate 8/98	397' Tubing Size	²⁴ POD ULS ²⁸ PB ⁻ 3	TR Locatio	n and Desc ⁹ Depth Se 1147' 3397' 3106' gth	Perforations 3140'-325 4	58 38 34 S	 DHC, DC, MC acks Cement 650 670 Csg. Pressure Test Method
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* POD 2822685 V. Well Completion * Spud Date 11/7/98 * Hole Size 12-1/4" 7-7/8" VI. Well Test Data * Date New Oil 12/11/98 * Choke Size * Choke Size * I hereby certify that the rules of with and that the information giv knowledge and belief. Signature: Printed Name: Tor Title: Eng Date: 12/18/98 * If this is a change of operato	Er n Data Ready Date 12/2/98 Market Gas Delivery D 12/1 Gas Delivery D 12/1 Gas Delivery D 12/1 Gas Delivery D 12/1 Gas Delivery D 12/1 Coll Conservation for the Oil Conservation for the Oil Conservation for the Oil Conservation for the Oil Conservation for the Oil Conservation for the Oil Conservat	and, TX 7 "TD 3: "Casing & "S-5/8" 5-1/2" 2-7/8" ate 8/98 division have to omplete to the tubuut cian (405) 23	397' Tubing Size "Test Date 12/18 Water 336 been complied best of my 35-3611 x 451 ne of the previous of	¹⁴ POD ULS ¹⁸ PB' 3 3 4/98 4/98 4/98 5	TR Locatio	n and Desc ⁹ Depth Se 1147' 3397' 3106' gth s IL CON Of	Perforations 3140'-32! 4 * Tb SERVA	58 4 S 58 4 S 58 4 S 58 4 S 58 4 S 58 58 58 58 58 58 58 58 58 58	* DHC, DC, MC acks Cement 650 670 * Csg. Pressure * Test Method Pumping SION TIM W. GUM
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Form 3160-5 (June 1990)	DEPARTMEN	TED STATES IT OF THE INTERIOR AND MANAGEMENT		FORM APPROVED Budget Bureau No. 1004-0135 Expires March 31, 1993
	for proposals to drill o	AND REPORTS ON WELLS r to deepen or reentry to a diff R PERMIT—" for such propos	erent reservoir.	 Lease Designation and Serial No. LC-028755-A If Indian, Allottee or Tribe Name
	SUBMIT	IN TRIPLICATE	<u>6272820</u>	NA 7. If Unit or CA, Agreement Designation
1. Type of Well Oil Weil Weil	Other	(2 ^{74,2}	526212020 526212020 526212020	
2. Name of Operator DEVON ENER	GY CORPORATION (NEV		DEC 1990 20	8. Well Name and No. Logan 35B Federal #9
3. Address and Telephone N 20 NORTH BR	No. OADWAY, SUITE 1500, OF	KLAHOMA CITY, OKLAHOMA 7310	RECEIVED	9. API Well No. 30-015-30409
	ge. Sec., T., R., M., or Survey I EL. of Section 35-T17S-I	•		10. Field and Pool, or Exploratory Area Red Lake; Q-GB-SA 11. County or Parish, State
	·····			Eddy County, NM
CHECK AP	PROPRIATE BOX(s) TO INDICATE NATURE (OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUE	BMISSION		TYPE OF ACTION	
Notice of Intent		Abandonment Recompletion		Change of Plans New Construction
Subsequent Report		Plugging Back Casing Repair		Non-Routine Fracturing
Final Abandonment No	btice	Altering Casing		Water Shift-Off Conversion to Injection Dispose Water Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Spud well on 11/7/98 at 1500 hrs and drld a 12 1/4" hole to 1150'. On 11/9/98 ran 26 jts 8 5/8" 24# J-55 8RD csg, set @ 1147'; cemented w/ 650 sx Class "C". 100 sx cmt returned to surface.

Drld 7 7/8" hole and reached TD 3400' on 11/14/98 at 1900 hrs. Schlumberger ran LDT/CNL/DLL/MSFL/GR logs. Ran 79 jts 5 1/2" 15.5# J-55 8RD csg, set @ 3397'. Cemented w/ 670 sx Class "C". 45 sx cmt returned to surface.

Released rig at 1800 hrs 11/15/98. WOCU.		(ORIG. SGD.) GARY GOU	ACCEPTED FOR RECORD RLEY CIC C C 1933	
14. I hereby certify that the foregoing is true and correct Signed <u>Mina Muteloui</u> (This space for Federal or State office use)	Title	Tonja Rutelonis Engineering Technician	Date 12/2/98	
Approved by Conditions of approval, if any:	Title_	a film and a straight	Date	-
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfut on any matter within its jurisdiction.	ully to make to			entati

*See Instruction on Reverse Side

•		and the state of the
Form 3160-5	UNITED STATES	
	RTMENT OF THE INTERIOR	
	U OF LAND MANAGEMENT	FORM APPROVED Budget Bureau No. 1004-0135
	OTICES AND REPORTS ON WELLS	Expires March 31, 1993 5. Lease Designation and Serial No.
	to drill or to deepen or reentry to a different reservoir.	č
	ION FOR PERMIT—" for such proposals	LC-028755-A 6. If Indian, Allottee or Tribe Name
-	UBMIT IN TRIPLICATE	N/A 7. If Unit or CA, Agreement Designation
I. Type of Well ⊠ ^{Oil} Gas Other Well Well Other		N/A
2. Name of Operator DEVON ENERGY CORPORATION	ON (NEVADA)	8. Well Name and No. 40 gath 358 Fed #9 See Below
3. Address and Telephone No.		9. API Well No.
20 NORTH BROADWAY, SUITE	1500, OKLAHOMA CITY, OKLAHOMA 73102 (405) 235-3611	
Location of Well (Footage. Sec., T., R., M., o	or Survey Description)	10. Field and Pool, or Exploratory Area
Section 35-17S-27E	Survey Descriptiony	Red Lake (Q-GB-SA)
Section 35-173-27E		11. County or Parish, State
·····		Eddy County, New Mexico
		Eddy County, New Mexico
CHECK APPROPRIATE	BOX(s) TO INDICATE NATURE OF NOTICE, REI	PORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTIO	
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
	Other Change of Name	Dispose Water
		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
	rly state all pertinent details, and give pertinent dates, including estimated date of startin tical depths for all markers and zones pertinent to this work.)*	ig any proposed work. If well is directionally drilled, give
-		
From: Logan "35" Fede	al #9 NEW PROPERTY Code 23.	SS RECEIVED CL OCD - ARIESIA CL OLD - ARIESIA CL OLD - ARIESIA
14. I hereby certify that the foregoing is true an	d correct	and a state of the
	Kimberly Crilly	
Signed Kunberly () (This space for Federal or State office use)	Title Engineering Technician	Date October 28, 1998
A norm and by	That_	Dete
Approved by Conditions of approval, if any:	Title	Date
Title 18 U.S.C. Section 1001. makes it a crime for any	person knowingly and willfully to make to any department or agency of the United Stat	es any false. fictitious or fraudulent statements or representat
to any matter within its jurisdiction.		
	*See Instruction on Reverse Side	

Form 3160-3 (December 1990)		TMENT	D STATES	811 S.	BREDivision		hr
Δ			RMIT TO DRILL OF		1 88210-2834LC-02	18755-A	
la TYPE OF WORK:	DRILL		DEEPEN		NA		
	VELL	Other	\$1NOLS ZONE	MULTIPLE	8. PARM	AGREEMENT NAME	¥0.
2 NAME OF OPERA		ERGY COR	PORATION (NEVADA)	6137		35 Federal #9 2	3714
3. ADDRESS AND T		DWAY, SUT	FE 1500, OKC, OK 7310	02 (405) 552-4511	30-01	LD AND POOL, OR WILDE	29
	LL (Report location States of the second states of		n accordance with any State i		Red L	ake; Q-GB-SA 5	1300
At top proposed proc	. zone (SAME))		282128293037	Sectio	n 35-T17S-27E	
14.DISTANCE IN MILES A Approximately 7 miles			328	505		COUNTY OR PARISH County	13. STATE New Mexico
15. DISTANCE FROM PROP LOCATION TO NEARES PROPERTY OR LEASE 1 (Also to nearest drig, unit to	.IHK, FT.	990'	16.NO. OF ACRES EN LE	SEP AR	567	17.NO. OF ACRES TO THIS WELL 40	
18. DISTANCE FROM PROP TO NEAREST WELL, DI OR APPLIED FOR, ON	ILLING, COMPLETE	^{ש,} 375 י	19. PROPOSED DEPTH	oci	970	20. ROTARY OR CA Rotary	BLE TOOLS*
21.ELEVATIONS (Show whe GR 3612'	nher DF, RT, GR, etc.)			Real Strates	22	APPROX. DATE WORK WE Ctober 15, 1998	ILL START*
23.	GRADE, SI	LE OF CABING	PROPOSED CASING A		GRAM	QUANTITY	OF CENTRAL
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17 1/2"	14"	Conductor	40'	Redimix
12 1/4"	8 5/8", J-55	24 ppf	1150' WITHESS	350 sx Lite + 200 sx Class C
7 7/8"	5 1/2", J-55	15.5 ppf	3400'	250 sx Lite + 350 sx Class C

* Cement will be circulated to surface on all casing strings.

ROSWELL CONTROLLED WATER BASIN

APPROVAL SUBJECT TO

SPECIAL STIPULATIONS

GENERAL REQUIREMENTS AND

The undersigned accepts all applicable terms, conditions, stipulation, and restrictions concerning

operations conducted on the leased land or portion thereof, as described above.

Devon Energy plans to drill to 3400' +/- to test the San Andres Formation for commercial quantities of oil. If the San Andres is deemed non-commercial, the wellbore will be plugged and abandoned per Federal regulations. Programs to adhere to onshore oil and gas regulations are outlined in the following exhibits and attachments.

Bond Coverage: Nationwide

BLM Bond File No.: CO-1104

Drilling Program

- Surface Use and Operating Plan Exhibit #1 - Blowout Prevention Equipment/ **Choke Manifold** Exhibit #2 - Location and Elevation Plat Exhibit #3 - Planned Access Roads Exhibit #4 - Wells Within a One Mile Radius Exhibit #5 - Production Facilities Plan
- Exhibit #6 Rotary Rig Layout

Exhibit #7 - Casing Design Parameters and Factors

Exhibit #8 - H₂S Operating Plan

ATTACHED IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

A	
14	

SIGNED E.L. Butting h.

E. L. BUTTROSS, JR. TITLE DISTRICT ENGINEER

*(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Application approval 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.

TTTLE

CONDITIONS OF APPROVAL, IF ANY:

(ORIG. SGD.) ARMANDO A. LOPEZ

Acting Assistant Field Office Manager, Lands and Minerals

DATE

DATE

	SEP	2	\mathcal{Z}	1998
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See Instructions On Reverse Side

APPROVED BY

DISTRICT I P.O. Box 1980, Hobbs, NM 88240

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State of New Mexico

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Energy, Minerals and Natural Resources Department

DISTRICT II P.O. Drawer DD, Artemia, NM 88210

DISTRICT III 1000 Rio Brazos Rd., Asteo, NM 87410

Revised February 10, 1994 Instruction on back Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

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EXHIBIT #

OIL CONSERVATION DIVISION P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

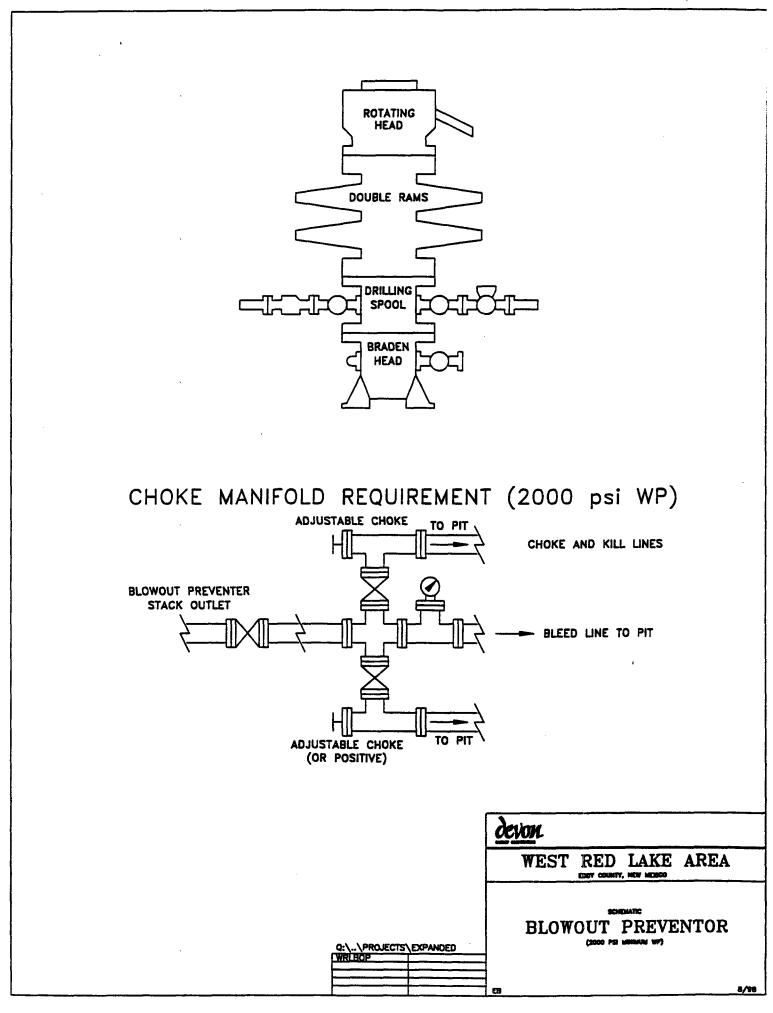
C AMENDED REPORT

2 •

Form C-102

API	Number			Pool Code	1	Pool Name				
· · · · · · · · · · · · · · · · · · ·		r	5	1300		Red Lake (Q-GB SA)				
Property C	Code			LOG	AN "35				9	lin der
OGRID No	».		Operator Name Elevation				Lion			
6137				DEV	ON ENE	RGY	CORP.		361	2'
					Surface	Loca	ation			
UL or lot No.	Section	Township	Range	Lot idn	Feet from		North/South line	Feet from the	East/West line	County
0	35	17 S	27 E		990		SOUTH	2100	EAST	EDDY
			Bottom	Hole Lo	cation If	Diffe	rent From Sur	face		
UL or lot No.	Section	Township	Range	Lot Idn	Feet from	the	North/South line	Feet from the	East/West line	County
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Dedicated Acres	Joint o	r Infill Co	nsolidation	Code Or	der No.					
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	I							Date Surrese	RY L JONES	
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EXHIBIT# 1



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Attachment to Exhibit #1 NOTES REGARDING BLOWOUT PREVENTORS Logan 35 Federal #9 Eddy County, New Mexico

- 1. Drilling nipple will be constructed so it can be removed mechanically without the aid of a welder. The minimum internal diameter will equal BOP bore.
- 2. Wear ring will be properly installed in head.
- 3. Blowout preventor and all associated fittings will be in operable condition and tested to 1000 psi with the rig pump.
- 4. All fittings will be flanged.

¢.

- 5. A full bore safety valve with proper thread connections will be available on the rotary rig floor at all times.
- 6. All choke lines will be anchored to prevent movement.
- 7. All BOP equipment will be equal to or larger in bore than the internal diameter of the last casing string.
- 8. Will maintain a Kelly cock attached to the Kelly.
- 9. Hand wheels and wrenches will be properly installed and tested for safe operation.
- 10. All BOP equipment will meet API standards and include a minimum 40 gallon accumulator having two independent means of power to initiate closing operation.

District II		bbs, NM 88241-1980 Energy, Minerals & Natural Resources Department Revised October 1 Instructions							Form C-104 Revised October 18, 1994 Instructions on back			
PO Drawer DD District III	, Artesia,	NM 882	(11-0719		UIL	-	valion outh Pac		SION		Submi	t to Appropriate District Office
1000 Rio Brazo	os Rd., Azt	ec, NM	87410			Santa F						5 Copies
District IV							-,				x	AMENDED REPORT
2040 South Pac I.							тпори	7				
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					Company, I	L.P.					6137	
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)15-3046	56				8,					ļ,	
-	rty Code 3831				Logan 3	5 B Federal	Property Nan	ie				Well Number 10
II. ¹⁰ Sur	face L	ocati	on	•		·····						
UI or lot no.	Section	Townsh	•	Range	Lot.Idn	Feet from the	North/Sou		Feet from th	e East	/West Line	County
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Π. Oil a	nd Ga	s Tra	nspor	ters			· · · · ·					
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	²³ POD						PODULS	TR Locatio	on and Descrip	otion		
V. Well	Compl	etion	Data									
²⁶ Spud Date		26 F	Ready Dat	e	27 TD		²⁸ PB7	D	2º Pe	rforations		³⁰ DHC, DC, MC
31	Hole Size	l			32 Casing &	Tubing Size		3	¹³ Depth Set	-	¥	Sacks Cement
								<u></u>				
												·····
	Test I	Data	¥ ()	Delivery Dat	ta	³⁷ Test Date	I	38 Test Len	oth I	39 mil -	. Pressure	⁴⁰ Csg. Pressure
Date	New OII		Gas L	Jenvery Da		Test Date		Test Len	gui	108		
⁴¹ Chok	e Size		4	' Oil		⁴³ Water		4 Ga	18		* AOF	⁴⁶ Test Method
"I hereby certify	that the ru	les of the	e Oil Con	servation di	ivision have t	been complied						
with and that the	e informati					-		0	IL CONS	ERVAT	TION DIV	ISION
knowledge and	belief.		AN	1=1L	4 1		Approved	hur 6.2	in l	W. A	hem	
Signature: Printed Name:		steve	McNal	lly	H		Approved Title:	uy. Ger			STRICT II	·
Title:			ict Man	ager	(400) ==	6 2/11	Approval	Date:				······································
Date: 3/20			211 ± 44	Phone:		35-3611)			* 1	AR 3 (<u></u>	
If this is a c 613	-	-				ne of the previous 1 (Nevada)	operator					
	Previous	_		11/1/1	M	7	Printed Name			• • • • = •	Title	Date
L			ミン		-++	- <u>-</u> <u></u>	Steve Mcl	vally	D	istrict M	anager	3/20/00

(June 1990) DEPARTME	ITED STATES INT OF THE INTERIOR LAND MANAGEMENT	FORM APPROVED
Do not use this form for proposals to drill Use "APPLICATION F	S AND REPORTS ON WELLS or to deepen or reentry to a different reservoir. OR PERMIT—" for such proposals T IN TRIPLICATE	Budget Bureau No. 1004-0135 Expires March 31, 1993 5. Lease Designation and Serial No. LC-028755-A 6. If Indian, Allottee or Tribe Name NA
1. Type of Well Sas Oil Well Well Other 2. Name of Operator V DEVON ENERGY CORPORATION (NET)	/ADA)	 7. If Unit or CA, Agreement Designation 8. Well Name and No. Logan 35 B Federal #10
 Address and Telephone No. 20 NORTH BROADWAY, SUITE 1500, 0 4. Location of Well (Footage. Sec., T., R., M., or Survey 650' FSL & 2410' FEL, Section 35-17S-27 		9. API Well No. 30-015-30466 10. Field and Pool, or Exploratory Area Red Lake;Q-GB-SA,Glor-Yeso,NE
		11. County or Parish, State Eddy County, NM
CHECK APPROPRIATE BOX	S) TO INDICATE NATURE OF NOTICE, F TYPE OF ACT	
Notice of Intent Subsequent Report	Abandonment Recompletion Plugging Back Casing Repair	Change of Plans New Construction Non-Routine Fracturing Water Shut-Off
Final Abandonment Notice	Altering Casing	Conversion to Injection

(Note: Report results of multiple completion on Well
 Completion or Recompletion Report and Log form.)

 13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give
 subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Other APD Extension

The original Application for Permit to Drill this well was approved on 10/26/98.

At this time, Devon Energy Corporation (Nevada) requests an extension of one year to drill this well.



Approved For			
Ending 101	26/2	000	

Dispose Water

14. I hereby certify that the foregoing is true and correct			
		Tonja Rutelonis	
Signed	Title	Engineering Technician	Date 10/13/99
Approved by	Title_	Petroleum Englasse	Date

Title 18 U.S.C. Section 1001, makes 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 representation to any matter within its jurisdiction.

Form 3160-5 (June 1990)	DEPARTMEN BUREAU OF I	TED STATÉS IT OF THE INTERIOR LAND MANAGEMENT	Luist Off Com Chi Chicks Lucenny ar	FORM APPROVED Budget Bureau No. 1004-0135 Expires March 31, 1993 5. Lease Designation and Serial No.
Do not use this form for	LC-028755-A			
Us	6. If Indian, Allottee or Tribe Name			
	NA 7. If Unit or CA, Agreement Designation			
1. Type of Well	Other			- 8. Well Name and No.
2. Name of Operator DEVON ENERG	Logan "35" Federal #10			
3. Address and Telephone No. 20 NORTH BRO	9. API Well No. 30-015-30466			
4. Location of Well (Footage.	Sec., T., R., M., or Survey I	Description)		- 10. Field and Pool, or Exploratory Area
650' FSL & 2410' FEI	Red Lake; Q-GB-SA 11. County or Parish, State			
	Eddy County, NM			
CHECK APP	ROPRIATE BOX(s) TO INDICATE NATURE		ORT, OR OTHER DATA
TYPE OF SUB	MISSION		TYPE OF ACTION	
Notice of Intent		Abandonment Recompletion		Change of Plans
Subsequent Report		Plugging Back		Non-Routine Fracturing
		Casing Repair		Water Shut-Off
Final Abandonment Noti	ce	Altering Casing		Conversion to Injection
		Other Amend TD &	z pool, name change	Dispose Water (Note: Report results of multiple completion on Weil Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The original Application for Permit to Drill, Form 3160-3, approved on 10/26/98 for a proposed depth of 3400' and the Red Lake (Q-GB-SA) pool. Devon Energy Corporation (Nevada) requests to amend the depth to 4000' and include the NE Red Lake (Glorieta-Yeso) pool.

Devon also requests to change the well name:

FROM: Logan "35" Federal #10

TO: Logan "35B" Federal #10



14. I hereby	certify that the foregoing is true and correct				
	July 1		Tonja Rutelonis		
Signed	This infelous	Title	Engineering Technician	Date	2/9/99
(This space f	or Federal or State office use)				
Approved by	(ORIG. SGD.) DAVID R. GLASS	Title_	FTROLEUM ENGINEER	Date	FEB 1 8 1999
Conditions of	f approval, if any:	-			

Title 18 U.S.C. Section 1001, makes 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 to any matter within its jurisdiction.

	UNITED STATES IMENT OF THE INTERIOR J OF LAND MANAGEMENT	FORM APPROVED Budget Bureau No. 1004-0135 Expires March 31, 1993			
Do not use this form for proposals to	TICES AND REPORTS ON WELLS o drill or to deepen or reentry to a different reservoir. ON FOR PERMIT—" for such proposals	 Lease Designation and Serial No. LC-028755-A If Indian, Allottee or Tribe Name 			
	JBMIT IN TRIPLICATE	N/A 7. If Unit or CA, Agreement Designation			
I. Type of Well ⊠ Oil Well Gas Other	N/A 8. Well Name and No.				
2. Name of Operator DEVON ENERGY CORPORATION	N (NEVADA)	See Below			
 Address and Telephone No. 20 NORTH BROADWAY, SUITE 1 	1500, OKLAHOMA CITY, OKLAHOMA 73102 (405) 235-3611	9. API Well No.			
4. Location of Well (Footage. Sec., T., R., M., or Section 35-17S-27E	Survey Description)	10. Field and Pool, or Exploratory Area Red Lake (Q-GB-SA) 11. County or Parish, State Eddy County, New Mexico			
	BOX(s) TO INDICATE NATURE OF NOTICE, RE				
	TYPE OF ACTIO				
Notice of Intent Subsequent Report	Abandonment C Recompletion Plugging Back	Change of Plans New Construction Non-Routine Fracturing			
Final Abandonment Notice	Casing Repair Altering Casing Other <u>Change of Name</u>	Water Shut-Off Conversion to Injection Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			
Name changed: From: Logan "35" Federa To: Logan "35B" Federal	ADDERTY CADE - 23	8831 5007 28293037 7007 1568 8 BCCEIVED 6 OCD - ARTESIA 1000 8 St 2191512121			
14. I hereby certify that the foregoing is true and	Kimberly Crilly				
(This space for Federal or State office use)	Title Engineering Technician	Date October 28, 1998			
Approved by Conditions of approval, if any:	Title	Date			
Title 18 U.S.C. Section 1001, makes it a crime for any pe to any matter within its jurisdiction.	rson knowingly and willfully to make to any department or agency of the United Stat *See Instruction on Reverse Side	es any false, fictitious or fraudulent statements or representatio			

Form 3160-3 (December 1990)	UNITED DEPARTMENT O	STATES	SUBMIT IN 10	•	Form approved.				
		DMANAGEMENT	811 S. 19T ST. RTESIA, HM 83210,000	5. LEASE	DESIGNATION AND SER	LAL NO.			
ΔΡ	PLICATION FOR PERM	6. IF INDIAN, ALLOTTEE OR TRIBE NAME							
la TYPE OF WORK:		NA							
b. TYPE OF WELL:		7.UNIT AGREEMENT NAME							
2 NAME OF OPERAT	OR			8. FARM GEGERASE NAME, WELL NO. Logan 3\$ Federal #10 2383/					
3. ADDRESS AND TE	DEVON ENERGY CORPO	RATION (NEVADA)	6131	9.API WEI 30-015-	LL NO.				
3. ADDRESS AND TE		1500, OKC, OK 73102 (405	5) 552-4511		30466				
	L (Report location clearly and in ad SL & 2410' FEL, Unit "O"	Red Lake	e; Q-GB-SA SI	300					
At top proposed prod.				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 35-T17S-27E					
	ND DIRECTION FROM NEAREST TOWN OR	POST OFFICE*			TY OR PARISH	13. STATE			
Approximately 7 miles	southeast of Artesia, NM			Eddy C	ounty	New Mexico			
15.DISTANCE FROM PROPOS LOCATION TO NEAREST	SED	15.NO. OF ACRES IN LEASE 80	<u></u>	_L	17.NO. OF ACRES TO THIS WELL				
PROPERTY OR LEASE LI (Also to nearest drig, unit line		80			40				
18.DISTANCE FROM PROPOS TO NEAREST WELL, DRI OR APPLIED FOR, ON 1	SED LOCATION* ILLING, COMPLETED,	19. PROPOSED DEPTH 3400'			20. ROTARY OR CJ Rotary	BLE TOOLS*			
21. ELEVATIONS (Show whet GR 3605'	her DF, RT, GR, etc.)			22. /	APPROX. DATE WORK W	ILL START*			
GREEGE				No	vember 15, 1990	3			
23.		PROPOSED CASING AND CE	MENTING PROGRAM			<u></u>			
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH		QUANTITY	OF CEMENT			
17 1/2" 12 1/4"	14" 8 5/8", J-55	Conductor	40'		Redimix 350 sx Lite + 200 sx Class C				
77/8"	5 1/2", J-55	24 ppf 15.5 ppf	1150' 3400'		250 sx Lite + 200 s				
	ated to surface on all casing string		1 5400	1					
Devon Energy plans to	drill to 3400' +/- to test the San Ar andoned per Federal regulations.	dres Formation for commercial Programs to adhere to onshore o	il and gas regulations are ou	itlined in th	e following exhibits	and attachments.			
Drilling Program Surface Use and Opera	ting Plan		epts all applicable terms, co i on the leased land or porti			tions concerning:			
Exhibit #1 - Blowout P		operations conducted	I on the leased land of portion	on mercory	as described above.				
Choke Ma Exhibit #2 - Location a		Bond Coverage: Na BLM Bond File No.:							
Exhibit #3 - Planned A		DEM DOID FREING.		25262	720				
Exhibit #4 - Wells With			127	0	20293				
Exhibit #5 - Production Exhibit #6 - Rotary Rig	•		Nº.	4	NO VA				
Exhibit #7 - Casing Des	sign Parameters and Factors		05/	OCT 18	369 11				
Exhibit #8 - H ₂ S Opera	ung rian		6	RECEIVE					
IN ABOVE SPACE DE proposal is to drill or d any.	z Layout sign Parameters and Factors ting Plan ESCRIBE PROPOSED PROGRAM eepen directionally, give pertinent	1: If proposal is to deepen, give o data on subsurface locations and	lata on present productive d measured and tracterica	depths.	onosed new product	ve zone. If er program, if			
24.	· · · · · · · · · · · · · · · · · · ·	<u> </u>			3/				
				111213	.010				
SIGNED_	Z. Buttons J	E. L. BU	TTROSS, JR.	ATE	9/10/98				
*(This space for Fede	eral or State office use)								
PERMIT NO			APPROVAL DATE	········					
Application approval does thereon.	not warrant or certify that the applican	t holds legal or equitable title to those	rights in the subject lease which	would entitle	e the applicant to cond	act operations			
CONDITIONS OF AP	PROVAL, IF ANY:	Acting	tent Field Offer 14						
(0)	RIG. SGD.) ARMANDO A. LOPEZ	Assis	stant Field Office Mar ls and Minerals	•		1000			
APPROVED BY	APPROVED BY DATE OCT 26 1998 See Instructions On Reverse Side								
	•								

DISTRICT 1 P.O. Box 1980, Hobbs, NM 88240

DISTRICT II P.O. Drawer DD, Artesia, NM 88210

DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410 State of New Mexico

Energy, Minerals and Natural Resources Department

EXHIBIT # 2 Form C-102 Revised February 10, 1994 Instruction on back Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

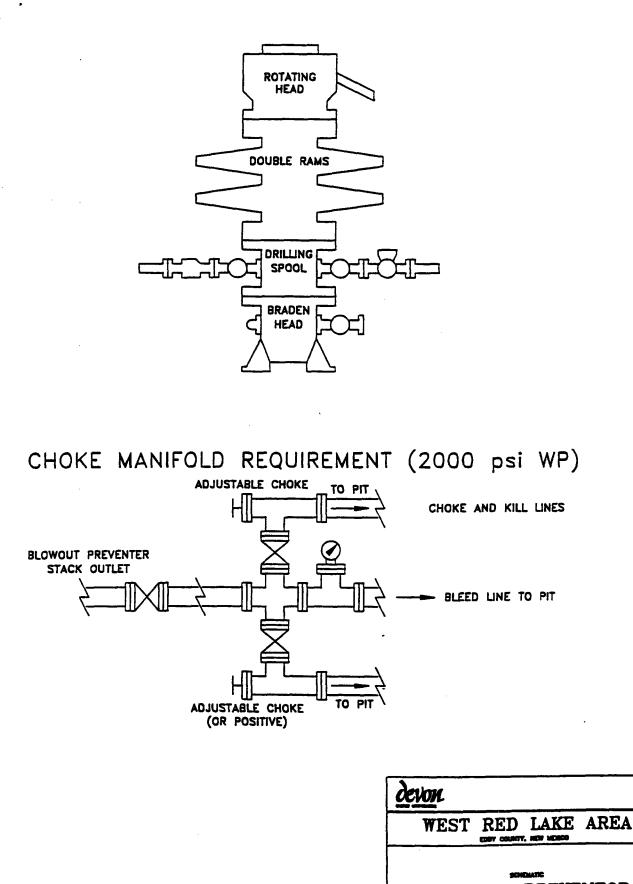
OIL CONSERVATION DIVISION P.O. Box 2088 Santa Fe, New Mexico 87504-2088

G AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API	Number		Pool Code			Pool Name				
							Red Lake (Q-GB-SA)			
Property (Code			Property Name Well Number						
		LOGAN "35" FEDERAL 10								
OGRED No 613		Operator Name Elevation DEVON ENERGY CORPORATION 3605'								
01.				DEVU					360	<u> </u>
					Surfa	ce Loca	ation			
UL or lot No.	Section	Township	Range	Lot Idn	a Feet fre	om the	North/South line	Feet from the	East/West line	County
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		<u>1</u>	Bottom	Hole 1	Location 1	f Diffe	erent From Sur	face		
UL or lot No.	Section	Township	Range	Lot Idn	a Feet fro	om the	North/South line	Feet from the	East/West line	County
				}						
Dedicated Acres	Joint o	r Infill C	onsolidation	Code	Order No.		L			l
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						1		best of my know	iedge and belief.	1
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	ł							Title	<u>ct Engineer</u>	[
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	Date				Date					
	 							SURVEYO	R CERTIFICAT	TION
	Ì					Ì			that the well locat	(
	l					I		on this plat we actual surveys	is plotted from field made by me or	s notes of under my
	Í					Ì		supervison an	d that the same is	true and
	l					ł		correct to th	e best of my belie	<i>s.</i>
	I					1		Aug	ust 24. 1998	
	ļ					ļ		Date Survey	GARI - JONA	
				†~	77	7		- Signature & Professional	Survey6r	
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EXHIBIT# 1



Q:\..\PROJECTS\EXPANDED

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BLOWOUT PREVENTOR

Attachment to Exhibit #1 NOTES REGARDING BLOWOUT PREVENTORS Logan 35 Federal #10 Eddy County, New Mexico

- 1. Drilling nipple will be constructed so it can be removed mechanically without the aid of a welder. The minimum internal diameter will equal BOP bore.
- 2. Wear ring will be properly installed in head.
- 3. Blowout preventor and all associated fittings will be in operable condition and tested to 1000 psi with the rig pump.
- 4. All fittings will be flanged.

- 5. A full bore safety valve with proper thread connections will be available on the rotary rig floor at all times.
- 6. All choke lines will be anchored to prevent movement.
- 7. All BOP equipment will be equal to or larger in bore than the internal diameter of the last casing string.
- 8. Will maintain a Kelly cock attached to the Kelly.
- 9. Hand wheels and wrenches will be properly installed and tested for safe operation.
- 10. All BOP equipment will meet API standards and include a minimum 40 gallon accumulator having two independent means of power to initiate closing operation.