Stogner, Michael

From: Sent: To: Cc: Subject:

÷ ,

.

Arrant, Bryan Wednesday, July 21, 2004 8:17 AM 'linda.guthrie@devon.com' Gum, Tim; Stogner, Michael; Fesmire, Mark Devon's Old Ranch Canyon '7' # 4-Non-Compliance

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Letterhead4.doc



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON Governor Joanna Prukop Cabinet Secretary Mark E. Fesmire, P.E. Director Oil Conservation Division

July 21, 2004 Devon Energy Production Company, L.P. 20 North Broadway, Suite 1500 Oklahoma City, OK 73102 Attn: Linda Guthrie, Regulatory Specialist

RE: Old Ranch Canyon '7' #4, located in Section 7 of Township 22 South, Range 24 East. Surface location: 1599' FSL and 1248' FWL in Eddy County, New Mexico

Dear Ms. Guthrie,

This letter is to inform and remind you that the above noted well, located on Federal minerals, has been in non-compliance with the New Mexico Oil Conservation Division's Rules and Regulations. Regulatory reports show that the directionally drilled re-completion to the Upper Pennsylvanian formation was completed on 10/18/2003. Our office has just received this information on 7/19/2004. Please refer to NMOCD Rule1105.A concerning submitting well data. As you can see, the compliance for this particular rule is over 8 to 9 months late. I have provided a copy of this rule for your convenience.

In addition, I see that your company plans to re-complete this well to a non standard location to the Bone Spring formation. Please note that until an approved NSL is issued, this well cannot be produced as a Bone Spring oil well. As always, please feel free to call if you have any questions on this or other matters.

Respectfully yours,

Bryan G. Arrant PES

> 19.15.13.1105 WELL COMPLETION OR RECOMPLETION REPORT AND LOG (Form C-105):

A. Within 20 days following the completion or recompletion of any well, the operator shall file form C-105 with the division. It must be filed in quintuplicate and each copy accompanied by a summary of all special tests conducted on the well, including drill stem tests. In addition, one copy of all electrical and radio-activity logs run on the well must be filed with form C-105. If the form C-105 with attached log(s) and summaries is not received by the division within the specified 20-day period, the allowable for the well will be withheld until this rule has been complied with.

E-Mail: Mark Fesmire, Division Director-Santa Fe Tim Gum, District Supervisor-Artesia Michael Stogner, Chief Hearing Examiner- Santa Fe

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6. 0	de Weight (1b/ft	ι στω τ ι στω τ ν στω χ
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622 648	Depth(ft) Bot-Liner	ONGARD -WELL COMPLETION OR RECOMP CASING 6137 DEVON ENERGY PRODUCTION CO 30646 OLD RANCH CANYON 7 FEDERAL 30 15 31151 L Sec : 7 Twp : 22S Range : 24 J TVD Depth (Feet) : 8650 M 05-01-2000 P/A Date :
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CMD : ONGARD 09/03/04 10:54:57 OG6IWCM INQUIRE WELL COMPLETIONS OGOMES -TPEJ
API Well No : 30 15 31151 Eff Date : 09-19-2003 WC Status : A Pool Idn : 33685 INDIAN BASIN;UPPER PENN (ASSOC) OGRID Idn : 6137 DEVON ENERGY PRODUCTION COMPANY, LP Prop Idn : 30646 OLD RANCH CANYON 7 FEDERAL
Well No : 004 GL Elevation: 3996
U/L Sec Township Range North/South East/West Prop/Act(P/A)
Locn : dentifier: ated Acre:
Lease Type : F Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :
M0025: Enter PF keys to scroll PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 PF07 PF08 PF09 PF10 NEXT-WC PF11 HISTORY PF12 NXTREC

Date: 9/3/2004 Time: 10:55:44 AM



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON Governor

> Joanna Prukop Cabinet Secretary

Mark E. Fesmire, P.E. Director Oil Conservation Division

July 21, 2004 Devon Energy Production Company, L.P. 20 North Broadway, Suite 1500 Oklahoma City, OK 73102 Attn: Linda Guthrie, Regulatory Specialist

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<u>istrict</u> I 525 N. French Di	r., Hobb	. NM 88240				New Mexic					Form C-104 Revised June 10, 2003		
histrict II 301 W. Grand Av	-		E	nergy,	Minerals	& Natural	Resour	REVISED JULIE IV, 2003					
<u>histrict III</u> 000 Rio Brazos F				-			ion Division Submit to Appropriate District Offi t. Francis Dr. 5 Copie						
histrict IV 220 S. St. Francis	s Dr., Sa	nta Fe, NM 8	7505	14			NM 87505 X AMENDED REP						
	J.	REOL	JEST FC	R ALI		-		RIZA'	TION 7	O TRANS			
¹ Operator nam Devon Ener	ne and A	ddress				t Elliot		2 00	nber				
Devon Ener 20 N. Broad OKC, OK	iway, S			Op	erations	Engr Adv 28-8609			6137 ³ Reason for Filing Code/ Effective Date NW				
⁴ API Number 30 -015-311			ol Name dian Basi	n (Uppe	r Penn) Ass	oc.				⁶ Pool Co 33685	de		
⁷ Property Cod 16775		⁸ Pr	operty Nam	e	"7" Federa				[°] Well Number 4				
	face L	ocation											
E7	Section 7	Township 22S	P Range 24E	Lot.ldn	Feet from t 1599'	he North/So NORTH	outh Line H	Feet 1248	from the	East/West li WEST	ne County EDDY, NM		
		ole Locat			<u> </u>			1					
	Section 7	Township 22S	Range 24E	Lot Idn	Feet from t 2096'	he North/S SOUTH	outh line I	Fect 2042	from the	East/West li WEST	ne County EDDY, NM		
12 Lse Code		cing Method Code		mnection	¹⁵ C-129 I	Permit Numbe	r ¹⁶	C-129	Effective	Date 17	C-129 Expiration Date		
	P		10/18	2003									
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OGRID	GRIDand Address						ļ`			and D	escription		
000734	BP Pipeline (N. Ameri 502 NW Avenue Levelland TX 79336			rica) Ind 6	c. 28114	465	0	Sec. N		FSL & 1980' FWL N-8-22S-24E ', NM (LACT unit)			
4035	35 Marathon Oil Co.			2828	774	G			FNL & 1980' FEL				
PO Box 552 Midland, TX 79702						Sec.		. B-7-22S-24E dy, NM (compressor site)					
											RECEIVED		
											JUL 1 9 2004		
							1				20-ARTESIA		
IV. Produ 23 POD	uced V	Vater	OD ULSTR	Location	and Descript	tion 960' FS	L & 192	80' FW	<u></u>		SEMATESIA		
2811512			c. N-8-228						-				
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²⁵ Spud De 5/1/00 5		²⁶ Read	ly Date		²⁷ TD TVE 9885') MD ²⁸ P 8460'	BTDTVI)	²⁹ Perfora 1-8304'	tions	³⁰ DHC, MC		
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							·····						
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VI. Well	Test I	Data											
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⁴¹ Choke Siz		42 0 BOPD	Oil		⁴³ Water BWPD	588 M	⁴⁴ Gas CFGD			⁴⁵ AOF	⁴⁶ Test Method pumping		
47 I hereby certi								OIL	CONSE	RVATION DI	VISION		
been complied complete to the	with an	d that the ir	formation g	iven abov		<i>UN</i> U		5	line	w.l	icon		
<u>~</u>	an	dace	R. D	ahe	m	Approved	i by:		9	ar La Asipe	•		
Signature:		Printed name: Candace R. Graham X4520						k	lata	asqu	www		
Printed name:	ndace						Approval Date:						
Printed name:						Approval	Date:						
Printed name: Ca Title:	Opera	ations Tec	h. 11			Approval	Date:						
Printed name: Ca	Opera s: ndi.gra	ations Tec ham@dvi	h. 11			Approval	Date:						

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Form 3160 (August 19	-4 99)		D	EPAR BURE	UNI TMEN	TED STAT IT OF THE LAND MAN COMPLE	ES INTER IAGEM	INT.	Oil	Co	ns.	Dľ	v-Þ	ist.	2 _F	ORM AP	PROVED 1004-013) 37 2000	
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			Other	sidett	ack										it or (CA Agree	ment Na	me and no	D.
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A	n Energy	/ Produ	iction C	ompai	iy, LP			peratio			_					h Canyo		d 4	
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14. Date S		ST	1	Date T.	D. Reaci	hed		16. Date C	Complete & A		eady to	o Prod.		17. E	levati	ons (DF,	RKB, RT	", GL)*	
05/01	/2000 8/	/9/200	3	09/18	/2003			10/18/						GL 3	996	, DF 40	12', KB	4013'	
		VD 988	5'		L	lug Back T.D.	TVD	3056'		20.	Dept	h Bridg	e Plug S		MD TVD	8475'	CIBP		
21. Type Platfor High	of Electric rm Expre Resolutio	& Other ss Thre on Late	Mechanie ee Deteo rolog A	cal Logs ctor Li .rray/N	Run (Su tho-De IGT an	ubmit copy of a insity Comp d CBL	each) ensated	Neutron/	NGT,	22.	Was	DST ru	red? 🕱 n? 🔯 Survey?	No		Yes (Sub Yes (Sub) XI Yes (mit analy	sis)	
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	ing Interva						26.	Perforatio	n Record	j		·							
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A) Uppe	er Penn		80	61'		8304'	806	1-8304'					290			roducin	<u>g</u>	· · · · · · · · · · · · · · · · · · ·	
<u>B)</u>					+						╂──				+				
<u>C)</u> D)																			7
27. Acid.	Fracture, Tr		, Cement	Sqeeze,	Etc.									CEr	TE.	d fo f	REC	<u>670</u>	
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	ction - Inte					10						·			105	EUM EI		R	
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10-18-03							316						ESP T	D1750	pur	nps			
Choice Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	C B	hi BL	Gas MCF	Water BBL	Gas : O Ratio	1	W	'ell Stati	15							
	SI	L)	588	316			P	roduc	ing							
Produ Date First	iction - Inte Test	rval B Hours	Test			1G25 1	Water	0.0.0	ity			T.	maueria	n Method					<u> </u>
Produced	Date	Tested	Produ	ction B	hi BL	Gas MCF	BBL	Oil Grav Corr. A	Pl	G	as ravity		TOULUCTIO		•				
Choke Size	Tbg. Press Flwg. Sl	Csg. Press.	24 Hr. Rate		ni BL	Gas MCF	Water BBL	Gas : O Ratio	i)	W	'ell Stati	us							

(See Instructions and spaces for additional data on reverse side)

DEPCO: Old Ranch Canyon 7, Fed 4, Sec. 7-T22S-R24E, Eddy, NM API 30-015-31151

Date First Produced	Tesi Dave	Hours Tested	Test I Production	Ga BBL	Gills 12/1 MCF	Water (Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. Sl	Csg. Press.	24 Hr. Rate	ଠନ BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
8c. Produc	tion - Interv	val D			_				
Date First Produced	Tesi Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status Producing	•

31. Formation (Log) Markers

30. Summary of Porous Zones (Include Aquifers):

Show all important zones or porsity and contents thereof: Cored intervals and all drill-stem tests, inlcuding depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

Formation	Тор	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
			details to follow at a later date		inces. popul
•					

32. Additional remarks (include plugging procedure):

In 5/2000 cemented 9 5/8" casing with 100 sx Thixset + 450 sx Hall Lite + 200 sx Class C + topped with 35 sx Class C. In 9/2003 cemented 7" casing: 1st stage with 140 sx 61/15/11 Poz Lite C with 1.58 cf/sx yield, preceded with 30 bbls TurboFlow III; 2nd stage with 460 sx 60/40 Poz Lite C with 1.33 cf/sx yield, preceded by 10 BW.

 33. Circle enclosed attachments: (j) Electrical/Mechanical Logs (1 full set req'd.) 5. Sundry Notice for plugging and cement verification 6 Core Analysis 	3. DST Report Q. Directional Survey Q Other - Deviation survey
34. I hereby certify that the foregoing and attached information is complete and correct	t as determined from all available records (see attached instructions)*
Name (please print) Candace R. Graham 405-235-3611 X4520	Title Operations Tech II/ candi.graham@dvn.com
Signature_ Candace R. Araham	Date 07/08/2004
Title 18 U.S.C. Section 101 and Title 43 U.S.C. Section 1212, make it a crime for any States and false, fictitious or fradulent statements or representations as to any matter w	person knowingly and willfully to make to any department of agency of the United vithin its jurisdiction.

OPERATOR: WELL/LEASE: COUNTY:

DEVON ENERGY PRODUCTION OLD RANCH CANYON 7 FED. 4 EDDY

			NEW MEXICO	
2,729	3.20	6,306	27.70	
2,855	5.60	6,370	27.40	
3,010	5.20	6,433	27.20	
3,104	5.40	6,496	25.40	
3,196	5.10	6,559	25.70	
3,250	4.90	6,621	25.50	
3,354	6.70	6,684	24.50	
3,447	6.70	6,778	23.90	
3,508	6.60	6,842	23.10	
3,602	8.10	6,904	23.80	
3,686	9.20	6,974	24.15	
3,780	10.80	7,099	23.00	
3,882	11.80	7,163	21.60	
3,912	11.80	7,226	20.20	
4,008	14.20	7,289	18.40	
4,077	16.40	7,350	14.80	
4,133	18.20	7,413	13.00	
4,228	18.50	7,476	11.30	
4,291	19.80	7,538	9.80	
4,353	20.40	7,601	8.20	
4,416	22.00	7,664	7.30	
4,477	24.30	7,695	6.10	
4,539	25.90	7,727	5.10	
4,601	27.00	7,758	4.60	
4,663	27.10	7,822	2.90	
4,727	27.50	7,884	2.90	
4,789	27.90	7,945	2.70	
4,852	30.40	8,011	2.80	
4,915	31.00	8,074	2.50	
4,978	31.70	8,135	2.80	
5,105	34.20	8,199	2.60	
5,167	33.40	8,262	2.60	
5,230	33.10	8,325	2.70	
5,294	34.00	8,387	2.40	
5,357	34.00	8,488	2.70	
5,421	34.60	8,565	2.00	
5,584	34.40	8,762	1.00	
5,611	33.70	8,981	0.00	
5,674 5,737	34.60 33.50	9,161	1.00	
5,863	33.20	9,333	1.50	
		9,524	2.00	
5,927	32.40	9,681	2.00	
5,990 6,053	31.50 30.30	9,800	1.50	
6,117	30.30	9,970 10 290	1.50	
6,180	29.20	10,290 10,400	2.00 2.00	
6,243	29.20	10,400	2.00	
0,273	40. 4 0			

RECEIVED

JUL 21 2004 SCD: ARTESIA

Fur Maan By:

STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 10th day of October, 2003, by Steve Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

r ØΜ Notary Public for Midland County Texas



My Commission Expires: 4/08/2007



DEVON ENERGY

Field: Indian Basin Site: Eddy County, NM Well: Old Ranch Canyon 7 #4 Wellpath: VH - Job #32K1003533 Survey: 10/14/03

RECEIVED

JUL 2-1 2004 CED-ARTESIA

This survey is correct to the best of my knowledge and is supported by actual field data.

ere Company Representative Notorized this date /10th of Action (10, 2003.

um Notary Signature

County of Midland State of Texas



Scientific Drilling Survey Report

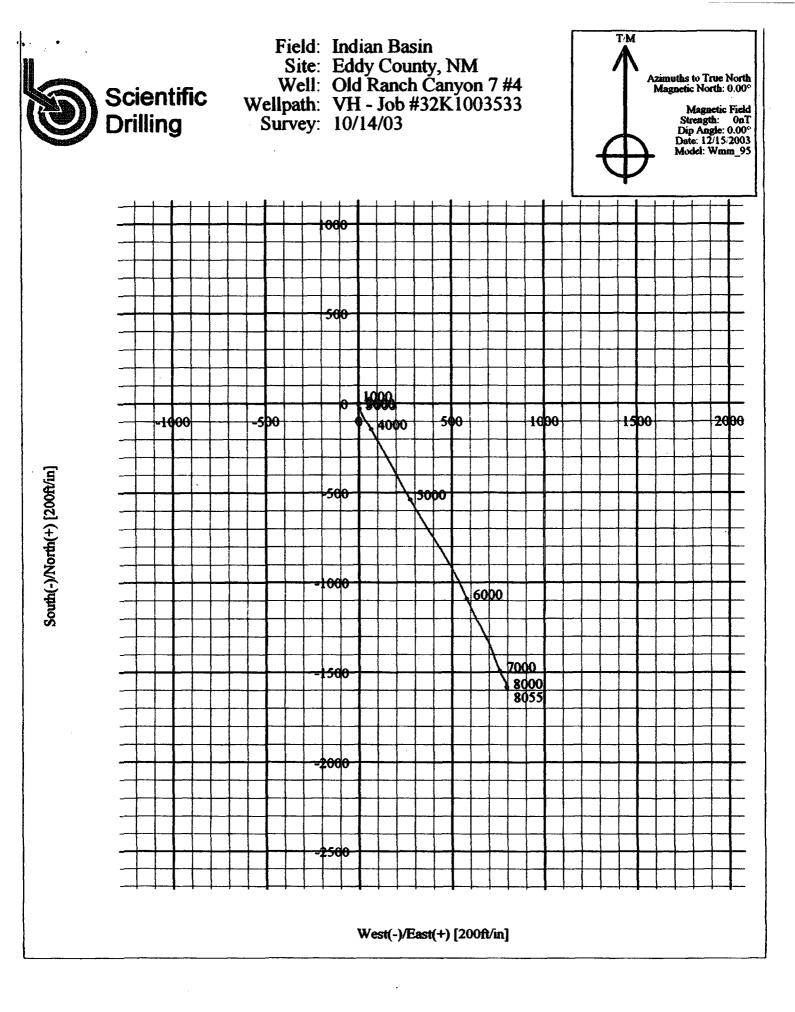
••••

elit: Indian I te: Eddy C ell: Old Ra	N ENERGY Basin County, NM Inch Canyon 7 #4 bb #32K1003533			Co-ordin Vertical Section (12/15/2003 (TVD) Reference (TVD) Reference (alculation Mathematical Statements) (alculation Mathematical	itelice:	: 14:44:38 Site: Eddy Cou SITE 0.0 Well (0.00N,0.1 Minimum Curv	00E,0.00Azi)	Page; e North Db: Sybas
	G 0'-8450'			Start	Date:	10/	14/2003		· · · · · · · · · · · · · · · · · · ·
	itific Drilling er,Keeper Gyro			Engi Tied	to:		ry Coffee m Surface		
uvey									
MD ft	lnci deg	Azim deg	TVD R	VS A	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	CleA deg
0.0	0.00 0.53	0.00 167.77	0.0	0.0	0.0	0.0	0.00	0.0	0.00
100.0 200.0			100.0	-0.5	-0.5	0.1	0.53	0.5	167.77
300.0	0.93 0.26	118.26 138.95	200.0 300.0	-1.3 -1.8	-1.3 -1.8	0.9 1.8	0.71 0.69	1.6 2.6	144.74 136.09
400.0	0.20	158.55	400.0	-1.8 -2.3	-1.8 -2.3	1.8	0.69	3.0	136.09
E00 0	0.46	04 62	E00 0	0 <i>E</i>		0 F	~ ~	20	435 00
500.0	0.46	94.63 95.33	500.0	-2.5	-2.5	2.5	0.42	3.6	135.22
600.0 700.0	0.25 0.03	85.23 107.01	600.0 700.0	-2.5 -2.5	-2.5	3.1	0.22	4.0	129.13
800.0	0.03		800.0	-2.5 -2.9	-2.5 -2.9	3.4	0.22 0.50	4.2	126.94 132.49
900.0	0.49	211.02 283.93	900.0 900.0	-2.9 -3.2	-2.9 -3.2	3.2 2.5	0.50	4.3 4.1	132.49 141.45
1000.0	0.94	301.38	1000.0	-2.6	-2.6	1.4	0.48	3.0	152.12
1100.0	0.78	339.59	1100.0	-1.6	-1.6	0.5	0.58	1.6	163.77
1200.0	0.24	22.00	1200.0	-0.7	-0.7	0.3	0.62	0.8	158.03
1300.0 1400.0	0.49 0.34	292.35 9.00	1300.0 1399.9	-0.4 0.1	-0.4 0.1	0.0 -0.4	0.54 0.53	0.4 0.4	182.74 281.12
1500.0	0.27	271.24	1499.9	0.4	0.4	-0.6	0.46	0.7	303.64
1600.0	0.34	254.15	1599.9	0.3	0.3	-1.1	0.11	1.1	285.28
1700.0	0.61	225.03	1699.9	-0.2	-0.2	-1.7	0.35	1.7	264.65
1800.0 1900.0	0.52 0.44	224.98 201.71	1799.9 1899.9	-0.9 -1.5	-0.9 -1.5	-2.4	0.09 0.21	2.6 3.3	250.56 242.06
2000.0	0.59	191.64	1999.9	-2.4	-2.4	-3.1	0.17	4.0	232.67
2100.0	0.57	242.14	2099.9	-3.1	-3.1	-3.7	0.50	4.8	229.64
2200.0 2300.0	0.48	196.06	2199.9	-3.8	-3.8	-4.2	0.42	5.7	228.39
2300.0	0.73 0.51	246.78 242.98	2299.9 2399.9	-4.4 -4.9	-4.4 -4.9	-4.9 -5.9	0.57 0.22	6.6 7.7	228.19 230.55
2500.0	0.66	194.15	2499.9	-5.6	-5.6	-6.5	0.50	8.6	228.91
2600.0 2700.0	0.54	192.02	2599.9	-6.7	-6.7	-6.7	0.12	9.4	225.20
2700.0	1.41	169.38	2699.9	-8.3	-8.3	-6.6	0.94	10.6	218.30
2900.0	5.50 5.11	159.67 157.67	2799.7 2899.3	-14.0	-14.0	-4.7	4.12	14.8	198.46
2000.0	J.11	137.07	2033.3	-22.6	-22.6	-1.3	0.43	22.7	183.35
3000.0	4.93	160.21	2998.9	-30.8	-30.8	1.8	0.29	30.9	176.62
3100.0	5.31	147.10	3098.5	-38.7	-38.7	5.8	1.23	39.2	171.50
3200.0 3300.0	4.79	158.34	3198.1	-46.5	-46.5	9.8	1.12	47.5	168.05
3400.0	4.66 5.42	158.94 157.05	3297.8 3397.4	-54.2 -62.3	-54.2 -62.3	12.8 16.1	0.14 0.78	55.7 64.4	166.66 165.47
3500.0 3600.0	6.30 7.56	152.18	3496.8	-71.5	-71.5	20.5	1.01	74.4	163.97
3700.0	7.56	148.96	3596.1	-82.0	-82.0	26.5	1.32	86.2	162.09
	8.77	150.50	3695.1	-94.3	-94.3	33.6	1.23	100.1	160.36
3800.0	10.33	147.51	3793.7	-108.5	-108.5	42.2	1.64	116.4	158.73
3900.0	11.43	148.98	3891.9	-124.5	-124.5	52.1	1.13	135.0	157.28
4000.0	13.65	151.79	3989.5	-143.4	-143.4	62.8	2.30	156.6	156.34
4100.0	15.98	150.74	4086.2	-165.8	-165.8	75.1	2.35	182.1	155.63
4200.0	18.04	150.90	4181.8	-191.4	-191.4	89.4	2.06	211.2	154.96
4300.0 4400.0	19.07 20.36	151.06 152.12	4276.6 4370.7	-219.2 -248.9	-219.2 -248.9	104.8 120.9	1.03 1.34	243.0 276 7	154.44
						120.8	1.34	276.7	154.10
4500.0	23.85	152.89	4463.4	-282.3	-282.3	138.2	3.50	314.3	153.91
4600.0	25.86	151.70	4554.1	-319.5	-319.5	157.8	2.07	356.3	153.72
4700.0 4800.0	26.89	152.78	4643.7	-358.8	-358.8	178.5	1.14 1.00	400.7 446.7	153.55
	27.84	153.44	4732_5	-399.8	-399.8	199.2			153.51

Scientific Drilling Survey Report

•

id: Indian e: Eddy (N ENERGY Basin County, NM Inch Canyon 7 #4			Co-ordia Vertical	12/15/2003 nate(NE) Refe (TVD) Reference (VS) Reference	rence:	: 14:44:38 Site: Eddy Cou SITE 0.0 Vell (0.00N.0.(-	
	ncn Canyon 7 #4 ob #32K1003533				(VS) Kelerenc Calculation M		Viel (0.00N,0.) Vinimum Curv		Db: Sybase
TVey.			. <u>.</u>						
MD	Incl	Azim	TVD	V.S	N/S	E/W	DLS	CisD	ClsA
î.	deg	deg	ft	ft	ft	R	deg/100ft	ft	deg
4900.0	29.88	152.56	4820.1	-442.8	-442.8	221.2	2.08	494.9	153.46
5000.0	31.21	152.05	4906.2	-487.8	-487.8	244.8	1.36	545.7	153.35
5100.0	32.58	151.24	4991.1	-534.3	-534.3	269.9	1.44	598.6	153.20
5200.0	33.34	150.17	5075.0	-581.7	-581.7	296.5	0.96	652.9	152.99
5300.0	32.71	149.58	5158.9	-628.8	-628.8	323.9	0.71	707.3	152.75
5400.0	33.54	148.87	5242.6	-675.8	-675.8	351.8	0.92	761.9	152.50
5500.0	34.07	148.06	5325.7	-723.2	-723.2	380.9	0.70	817.4	152.22
5600.0	33.22	148.66	5408.9	-770.4	-770.4	410.0	0.91	872.7	151.98
5700.0	33.89	149.50	5492.3	-817.8	-817.8	438.4	0.82	927.9	151.81
5800.0	32.88	150.29	5575.8	-865.4	-865.4	466.0	1.10	982.9	151.70
5900.0	33.08	150.76	5659.7	-9 12.8	-912.8	492.8	0.32	1037.3	151.64
6000.0	31.53	153.57	5744.2	-960.0	-960.0	517.8	2.16	1090.7	151.66
6100.0	29.83	156.94	5830.2	-1006.3	-1006.3	539.1	2.42	1141.6	151.82
6200.0	29.30	155.86	5917.2	-1051.5	-1051.5	558.9	0.75	1190.8	152.01
6300.0	27.86	154.85	6005.0	-1095.0	-1095.0	578.8	1.52	1238.6	152.14
6400.0	27.26	154.75	6093.6	-1136.9	-1136.9	598.5	0.60	1284.8	152.23
6500.0	25.97	153.94	6183.0	-1177.3	-1177.3	617.9	1.34	1329.6	152.31
6600.0	25.61	153.36	6273.1	-1216.2	-1216.2	637.2	0.44	1373.1	152.35
6700.0	24.68	153.74	6363.6	-1254.3	-1254.3	656.1	0.94	1415.5	152.38
6800.0	23.48	153.31	6454.9	-1290.8	-1290.8	674.3	1.21	1456.3	152.42
6900.0	23.00	153.20	6546.8	-1326.0	-1326.0	692.1	0.48	1495.8	152.44
7000.0	24.23	159.88	6638.4	-1362.8	-1362.8	708.0	2.94	1535.7	152.55
7100.0	23.37	160.58	6729.9	-1400.7	-1400.7	721.6	0.91	1575.7	152.74
7200.0	21.22	159.81	6822.4	-1436.4	-1436.4	734.5	2.17	1613.3	152.92
7300.0	19.13	159.19	6916.3	-1468.7	-1468.7	746.5	2.10	1647.6	153.06
7400.0	14.68	158.84	7012.0	-1495.9	-1495.9	756.9	4.45	1676.5	153.16
7500.0	11.57	153.79	7109.3	-1516.7	-1516.7	765.9	3.31	1699.1	153.21
7600.0	9.13	150.17	7207.7	-1532.6	-1532.6	774.3	2.52	1717.1	153.20
7700.0	7.47	149.20	7306.6	-1545.1	-1545.1	781.6	1.67	1731.5	153.17
7800.0	4.32	155.39	7406.1	-1554.1	-1554.1	786.5	3.21	1741.7	153.16
7900.0	2.95	167.25	7505.9	-1560.0	-1560.0	788.6	1.56	1748.0	153.18
8000.0	2.73	170.28	7605.8	-1564.9	-1564.9	789.6	0.27	1752.8	153.23
8100.0	2.56	167.49	7705.7	-1569.4	-1569.4	790.5	0.21	1757.2	153.27
8200.0	2.38	174.27	7805.6	-1573.6	-1573.6	791.2	0.34	1761.3	153.31
8300.0	2.62	168.51	7905.5	-1577.9	-1577.9	791.8	0.35	1765.5	153.35
8400.0	2.88	162.97	8005.4	-1582.6	-1582.6	793.0	0.37	1770.1	153.38
8450.0	2.44	176.39	8055.3	-1584.8	-1584.8	793.5	1.52	1772.4	153.41



Torm 3160-5 August 1999) Do	DEI BU	UNITED STATE	S 1201 W/ (~	1	FOR	M APPROVED
Do	BO		INTERIOR	irand Aver	ue	OMB Expin	No. 1004-0135 es November 30, 2000
ah:	SUNDRY N	REAU OF LAND MANA IOTICES AND REPO form for proposals to Use Form 3160-3 (AF	DRTS ON WELLS		SHL&B	HL: r	o. NM-NM81219 tee or Tribe Name
		ICATE - Other Insu			61	or CA/A	Agreement, Name and/or No.
Oil Well X 2. Name of Operato Devon Energy P	r		Robert Elliott Operations En		8. Well Na Old Rand 9. API We	ch Ca	i No. Inyon "7" Federal #4
3a. Address 20 N. Broadway,	Suite 1500,	OKC, OK 73102	3b. Phone No. (include (405)228-8609	le area code)		nd Pool	, or Exploratory Area Upper Penn) Assoc.
SHL: 1599' FNL	& 1248' FW	L, Unit E, Section 7- , Unit K, Section 7-	T22S-R24E, Eddy (11. County Eddy Co New Mer	or Pari unty	
12. (CHECK APPR	OPRIATE BOX(ES) 1	TO INDICATE NATU	RE OF NOTICE, R	EPORT, O	R OTI	HER DATA
TYPE OF SUBM	IISSION		TY	PE OF ACTION			
 Notice of Intent Subsequent Rep 		X Acidize Alter Casing Casing Repair	Deepen Fracture Treat New Construction	 Production (State Reclamation Recomplete 	nt/ Resume)		Water Shut-Off Well Integrity _{Other} added perfs
Final Abandonn	ent Notice	Change Plans Convert to Injection	 Plug and Abandon Plug Back 	Temporarily Ab Water Disposal	andon		

If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations measured and true vertical depths of all performance that the state of the proposal is to deepen directionally or recomplete horizontally, give subsurface locations measured and true vertical depths of all performance that the state of the proposal is to deepen directionally or recomplete horizontally, give subsurface locations measured and true vertical depths of all performance that the state of the proposal is to deepen directionally or recomplete horizontally, give subsurface locations measured and true vertical depths of all performance that the state of the performance of the performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

11-19-2003 thru 11-25-2003 Killed well with 150 bbls lease water. ND wellhead, NU BOP. TOH with tubing, pumps and motor. Ran and set Weatherford RBP at 8000'.

Perf'd with 2 SPF at 7823-7867' with 90 holes (.42" EHD). TIH with Weatherford HD packer on 2 7/8" tubing. Set packer at 7550'. Loaded annulus, press'd to 500 psi.

Acidized perfs 7823-7867' down tubing with 8800 gals 20% HCI + 89 BS + 2520 gals fresh water flush; ATP 5200 psi, AIR 24 BPM; ISIP 1987 psi, 15 mins 1869 psi. Ran tandem elec quartz gauges to 7845'; IBHP 4894 psi, FBHP 4886 psi. Swab tested. TOH with tubing, packer and RBP.

Ran ESP motor, 2- 4 1/2" TD460 pumps and 261 jts 2 7/8" tubing; motor at 8339', end of tubing at 8270'. Resumed pumping.

		ACCE	PTED FOR RECC	DRD	
 14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Candace R. Graham 405/235-3611 X4520 	Title Operations Tech. II	candi.	gnahan@dvii)@pm		
Signature Candace R. Graham	Date 07/08/2004				
THIS SPACE FOR FEDE	RALORSTATEOFFICEN	SI PERE	ROLEMATING MET	₹ S	300
Approved by	Title		Date		
Conditions of approval, if any, are attached. Approval of this notice does not we certify that the applicant holds legal or equitable title to those rights in the subjet which would entitle the applicant to conduct operations thereon.			L		
Title 18 U.S.C. Section 1001 makes it a gaine for any news knowingly and w	illfully to make to only dependence		the fluited States and fals		

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.

(Instructions on reverse)

Form 3160-5 (August 1999)	UNITED STATE DEPARTMENT OF THE BUREAU OF LAND MANA	INTERIOR 1301		IV-Dist. 2 Avenue B2 FORM APPROVED OMB No. 1004-0135 Expires November 30, 20 B2 FOLease Serial No. SHL & BHL: NM-NM8121	
Do not use ti	Y NOTICES AND REPO his form for proposals to rell. Use Form 3160-3 (AF	o drill or to re-ente	r an	6. If Indian, Allottee or Tribe Nam	
	IELECTATE COMPTENSIO	regions thig ve		N/A 7. If Unit or CA/Agreement, Name	and/or No.
1. Type of Well Oil Well X Gas Well	Other				
2. Name of Operator		Robert Elli		Old Ranch Canyon "7" Fee	ieral #4
Devon Energy Production	Company,LP	Operations E		2. API Well No. 30-015-31151	
3a. Address 20 N. Broadway, Suite 150	00, OKC, OK 73102	3b. Phone No. (in (405)228-8609		10. Field and Pool, or Exploratory	Area
4. Location of Well (Footage, Se SHL: 1599' FNL & 1248' F *BHL: 2096' FSL & 2042'		T22S-R24E, Edd		Indian Basin (Upper Penn) 11. County or Parish, State Eddy County New Mexico	Assoc.
12. CHECK AI	PPROPRIATE BOX(ES) 1	TO INDICATE NA	FURE OF NOTIC	E, REPORT, OR OTHER DATA	
TYPE OF SUBMISSION			TYPE OF ACTION	1	
Notice of Intent	X Acidize	Deepen	Production	a (Start/ Resume) 🔲 Water Shut-Off	
Subsequent Report	Alter Casing	Fracture Treat New Construction	n 🕅 Reclamation		
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Casing Repair	New Constructio		te Li Other ly Abandon	
Final Abandonment Notice	Convert to Injection	Plug Back	🔲 Water Dis	posal	
If the proposal is to deepen dir Attach the Bond under which following completion of the in	ectionally or recomplete horizont the work will be performed or pro volved operations. If the operatio nal Abandonment Notices shall b	tally, give subsurface lo ovide the Bond No. on fi on results in a multiple co	cations measured and the with BLM/BIA. Recompletion or recompleted and the second seco	e of any proposed work and approximate dur true vertical depths of all pertinent markers a quired subsequent reports shall be filed with tion in a new interval, a Form 3160-4 shall b sclamation, have been completed, and the op	nd zones. iin 30 days e filed once
*BHL recalculated after si	detracking				
10-14-2003 thru 10-18-20 pumped Mr. Clean job of CBL log which showed th	4 bbls xylene + 5 bbls 29	% KCI + 500 gais '	7 1/2% HCI. Cin	874' and to PBTD 8460'. RU BJ s c'd hole clean. RU Schlumberge	Srvs and r and ran
Perfd with 2 SPF as follov 16 holes, 8141-8144' with with 66 holes, and 8289-8	8 holes, 8156-8161' wit	h 12 holes, 8170-	8187 with 36 hol	094-8112 with 38 holes, 8127-8 es, 8206-8220 with 30 holes, 823 et packer at 7950'.	134' with 36-8268
Acidized perfs 8061-8304 packer thru perfs. TOH v		00 gais 20% NeFe	+ 280 BS; AIR 2	20 BPM, ATP 3700 psi; ISIP 0 ps	i. Ran
Ran ESP motor, 4- 4 1/2"	TD1750 pumps and 263	3 jts 2 7/8" tubing;	motor at 8343'.	Began pump testing.	ORD
14. I hereby certify that the forego Name (Printed/Typed)	ing is true and correct	Title		AUULITEUR	7 1-
Candace R. Graham 405	5/235-3611 X4520		erations Tech. II	/ candi grahamedyn.gom	
Signature Candace R.	droham	Date 07/	07/2004	JUL 2.0 2000	
	ALL STATE IS SPACE	FOR HEDERALLO	SSTATE CF 101		<b>.</b>
Approved by			Title	Date	
Conditions of approval, if any, are certify that the applicant holds leg which would entitle the applicant	al or equitable title to those righ		Office		

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.

(Instructions on reverse)

Form 3160-5 (August 1999)	DI	UNITED STATE EPARTMENT OF THE I		131	4151672	0.00.00	APPROVED D. 1004-0135 vember 30, 2000
	SUNDRY	EPARTMENT OF THE I BUREAU OF LAND MANA NOTICES AND REPO	RTS ON WE	ELLS 11210		5. Lease Serial No. NMNM81219	
	Do not use th abandoned we	is form for proposals to ii. Use form 3160-3 (AP	drill or to re D) for such p	enter an rogosals	2004	63 If Indian, Allottee o	r Tribe Name
		PLICATE - Other instru			- ARTESIA	ω	ment, Name and/or No.
1. Type of Well		<u></u>		13 000		N/ 8/Well Name and No.	
	Gas Well O					OLD RANCH CAN	IYON 7 FED 4
2. Name of Ope DEVON EN	NERGY PRODUCT	Contact: FION CO L P	LINDA GUTH E-Mail: linda.g	IRIE +< 0 uthrie@dvn.com	6286	9. API Well No. 30-015-31151-0	0-S1
	BROADWAY SUI		3b. Phone No Ph: 405.22 Fx: 405.552		le)	10. Field and Pool, or INDIAN BASIN	Exploratory
	-	- T., R., M., or Survey Descriptio	n)			11. County or Parish,	and State
Sec 7 T225	S R24E SWNW 15	99FNL 1248FWL				EDDY COUNTY	', NM
	12. CHECK APP	ROPRIATE BOX(ES) TO	O INDICATE	NATURE OF	NOTICE, R	EPORT, OR OTHE	R DATA
TYPE OF	SUBMISSION			TYPE	OF ACTION		
Notice of	Intent			pen	Produc	tion (Start/Resume)	Water Shut-Off
-		Alter Casing	D Frac	ture Treat	C Reclam	ation	Well Integrity
□ ^{Subseque}	nt Report	Casing Repair		Construction	Recom	plete	Other
G Final Aba	andonment Notice	Change Plans		and Abandon	- <b>-</b>	rarily Abandon	
		Convert to Injection	C Plug	Back	U Water I	Disposal	
following con testing has be determined th Devon Ene to the Bond MIRU. Set RIH & perf	npletion of the involve en completed. Final A lat the site is ready for symptotic springs formation a 7" 23# CIBP @ brate squeeze hold down tbg and out a gun, perf Bone Spring	mpany, LP respectfully re	sults in a multipi led only after all aquests permi essure test cs w/7" retainer.	e completion or re requirements, incl ssion to recom g. set @ 3200'+/	completion in a uding reclamation plete from the	new interval, a Form 316 on, have been completed, a Cisco	0-4 shall be filed once
14. Thereby cert	bify that the foregoing i	s true and correct. Electronic Submission For DEVON ENER mmitted to AFMSS for proc	#32906 verifie GY PRODUCTE	I by the BLM W ON CO L P, set	eil Information to the Carls		
Name (Printe	d/Typed) LINDA G				JLATORY SP		
		··· _····				· · · · · · · · · · · · · · · · · · ·	••••••••••••••••••••••••••••••••••••••
Signature	(Electronic	Submission)		Date 07/09	/2004		
		THIS SPACE F	or Federa	L OR STATE	E OFFICE U	SE	
Approved By L	ES BABYAK			TitlePETROL	EUM ENGIN	FFR	Date 07/12/2(
Conditions of app certify that the app	roval, if any, are attach blicant holds legal or ex	ed. Approval of this notice doc putable title to those rights in the fuct operations thereon.		Office Cartst			
Title 18 U.S.C. Se States any false,	ction 1001 and Title 4. fictitious or fraudulent	3 U.S.C. Section 1212, make it statements or representations a	a crime for any p is to any matter w	erson knowingly a vithin its jurisdicti	and willfully to r on.	nake to any department o	r agency of the United
	** BLM REV	/ISED ** BLM REVISE	D ** BLM R	EVISED ** BL	.M REVISE	D ** BLM REVISE	D **

#### 7/21/2004

## Wellbore Diagram

#### No. 004

r263

 30-015-31151-00-00
 OLi

 Company Name:
 DEVON ENERGY PRODUCTION COMPANY, LP

 Location:
 Sec: 7 T: 22S R: 24E
 Spot:
 String Info

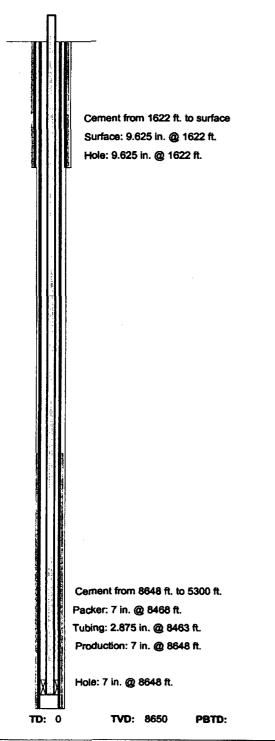
 Lat/Long:
 Lat: 0 Long: 0
 String

 Property Name:
 OLD RANCH CANYON 7 FEDER
 HOL1

 County Name:
 Eddy
 SURF

String Inf	formation Bottom (ft sub)	Diameter (inches)	Weight (ib/ft)	Length (ft)
HOL1	1622	9.625		
SURF	1622	9.625	36	1622
HOL2	8648	7		
PKR	8468	7		5
PROD	8648	7	26	8648
T1	8463	2.875	in annuar a la bhliadh ann ann a' ann	8463

**OLD RANCH CANYON 7 FEDERAL** 



Cement I	nformatio	n	
	BOC	TOC	
String	(ft sub)	(ft sub)	Ck

String	(ft sub)	(ft sub)	Class	Sacks
PROD	8648	5300	С	500
SURF	1622	0	С	1225

#### Perforation Information

Тор	Bottom			_
(ft sub)	(ft sub)	Shts/Ft	No Shts	Dt Sqz
8074	8368			

#### **Formation Information**

Formation	Depth
Glorieta	2231
Bone Spring	2813
3rd Bone Spring Sand	6814
Wolfcamp	7290
Canyon	8039
	Glorieta Bone Spring 3rd Bone Spring Sand Wolfcamp

Copyright 2001 ALL-LLC

		N.M. Oi	il Cons. V. Gran			
Form 3160-5 (August 1999) ``	UNITED STATE PARTMENT OF THE I UREAU OF LAND MANA NOTICES AND REPO	S NTRACTOR V	Cons.	DIV-Di	FORM. OMB N	APPROVED 0. 1004-0135
RECEIVED						vember 30, 2000
OCT 2 9 2003 Do not use thi	NOTICES AND REPO	RTS ONOG	Hasnm	80040	UP NMNM81219	
	s form for proposals to I. Use form 3160-3 (AP	D) for such f	Penter an « Proposais.	00210	6. If Indian, Allottee o	r Tribe Name
OCD-ARTESIA			-			ement, Name and/or No.
SUBMIT IN TRI	PLICATE - Other instru	ctions on rev	rerse side.		7. If Onit of CAVAges	ment, Name and/or No.
1. Type of Well					8. Well Name and No. OLD RANCH CAI	
Oil Well Gas Well Ott 2. Name of Operator	Contact:	KAREN COT			9. API Well No.	
DEVON ENERGY PRODUCT			cottom@dvn.co	m	30-015-31151-0	10-S1
3a. Address 20 NORTH BROADWAY SUI OKLAHOMA CITY, OK 73102		3b. Phone No Ph: 405.22 Fx: 405.552		ode)	10. Field and Pool, or INDIAN BASIN	Exploratory
4. Location of Well (Foolage, Sec., 1	., R., M., or Survey Descriptio	n)			11. County or Parish,	and State
Sec 7 T22S R24E SWNW 15	99FNL 1248FWL				EDDY COUNT	(, NM
12. CHECK APPI	ROPRIATE BOX(ES) T	O INDICATE	3 NATURE O	F NOTICE,	REPORT, OR OTHE	R DATA
TYPE OF SUBMISSION			TYPE	OF ACTION	•	
□ Notice of Intent	Acidize	Dee	pen	Prod	uction (Start/Resume)	Water Shut-Off
	Alter Casing		cture Treat		unation	Well Integrity
Subsequent Report	Casing Repair		w Construction		mplete	Other
Final Abandonment Notice	Change Plans		g and Abandon	_	orarily Abandon	Drilling Operations
13. Describe Proposed or Completed Op	Convert to Injection		g Back	_	r Disposal	
9/4/2003 Moved and rigged u 9/4/2003 Cut-off the old brad 9/5/2003 Tested stack, manii 500 psi low. Tested 9 5/8" ca Arnos with BLM was notified, to 2665"(good cement). Circu 9/6/2003 Silde drilled from 20 9/6/2003 Silde drilled from 20 original hole. Drilled from 27 from 2765" to 3264". 9/9/2003 Silde and rotary drill 14. Thereby certify that the foregoing in	en head and install a new fold, upper & lower kelly sing from plug to surface but did not wittness the lated hole clean and unk 365' to 2686', attm. to sid 686' to 2693' Attempted n 2693' to 2740'. Restart 755' to 2765', finished kic led with surveys from 320	w one. valve, and sta e to 500 psi. R test. Dressed oaded directic etrack the hol to rotate out i hed kick-off fro king off plug. 64' to 3485'.	and pipe to 30 Retrieved 9 5/8 off side track onal tools. le. kick off and wo om 2740° to 27 . Slide and ro	00 psi high a 3" "C" plug. J plug from 26 ent back in ti 755'. tary drilled	im 117' ne	
		cessing by AR				
Name (Printed/Typed) KAREN C			Title ENG	INEERING 1	ECHNICIAN	
Signature (Electronic	-			9/2003	-	
	THIS SPACE F	OR FEDER/	AL OR STAT	E OFFICE	USE	
Approved By	ED			ABYAK DLEUM ENGI	NEER	Date 10/09/2003
Conditions of approval, if any, are attached certify that the applicant holds legal or eq which would entitle the applicant to cond	uitable title to those rights in the uct operations thereon.	ne subject lease	Office Carls			
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent	U.S.C. Section 1212, make it statements or representations a	a crime for any p is to any matter w	verson knowingly vithin its jurisdic	and willfully to tion.	make to any department of	agency of the United
** BLM REV	ISED ** BLM REVISE	D ** BLM RI	EVISED ** B	LM REVISI	ED ** BLM REVISEI	<b></b>

#### Additional data for EC transaction #24104 that would not fit on the form

#### 32. Additional remarks. continued

9/19/2003 Drilled with surveys from 8173' to 8488' (TD). Lithology: 75% lime and 25% shale BBG = 35 -50 The Base of the Dolomite was at 8360'. Circulated and conditioned the hole clean for logs. Mud: WT- 8.6, VISC - 40, WL - 6.0, Ph - 11 9/21/2003 R/U Schlumberger and ran a Platform Exp., FMI. Logger TD was at 8432'. 9/2/2003_Finished TIH, washed through 74' of fill to TD (8488'). R/U casing tools and ran 3404'

9/23/2003 Ran 192 joints of 7" 23# HCL80 & J55 casing. Finished running casing to 8488'. Cemented as follows: Pumped 30 bbls of Turbo Flow III, 140 sacks of Class "C" + add. Plug down and held at 13:45, set ECP, dropped bomb and opened the Stage Tool. Circulated bottoms up and recoverd 9 bbls of cement (32 sacks). Pumped second stage: 10 bbls of water, 460 sacks of cement, plug down,

Stage Tool close at 16:48. 9/24/2003 Finished N/U 7" stack, tested stack, manifold, and kelly valves to 5000 psi. Don with the BLM was notified but did not witness the test.

9/24/2003 Drilled on the bomb, rubber plug and float collar from 8397' to 8400'. New formation is at 8488'. Mud : 8.9 wt, 28 visc., and a 9 Ph. 9/25/2003 Drilled out shoe and 10' of formation (8498'). Ran FIT to 11ppg EMW. 10/1/2003 Drilled from 10,359' to 10,400' (TD). Lithology: 100% shale BBG = 65-75 u Top of the Barnett was at 10,270'. Circulated and conditioned the hole for logs.

10/2/2003 R/U Schlumberger and ran a Platform Express dated 10/01/2003. Logger TD was at 10,391'. Called Jim Amos with the BLM for plugging directions. TIH with open ended drill pipe to 9585'. R/U BJ Services and cemented as follows: Pumped 50 sacks of Class "H" neat at 9585'. Pulled up to 9295' with the bottom of the drill pipe. Pumped 50 sacks of Class "H" cement neat, 1.18 yield, and

9295' with the bottom of the drift pipe. Fullped to sacks of class 'H' centert heat, 'Fro you, and 15.6 ppg. R/D BJ Services. 10/3/2003 R/u Rotary wireline, set a 7" CIBP at 8477'. Dump bailed 15' of cement on the plug. Abandoned slim hole as follows: 1st plug at 9585' to 9395' (190') 50 sacks of Class "H". 2nd plug at 9295' to 9105' (190') 50 sacks of Class "H". 3rd plug at 8477' to 8460' (17') 7" CIBP with 15' cement cap. PBTD is at 8460' (8056' TVD). As per Jim Aimos with the BLM, 10/01/2003. 10/3/2003 N/D 7" stack, jet and clean working pits. Rig was released at 17:00, 10/02/2003.

Form 3160- <del>9</del> (August 1999)	BUNDRY	UNITED STATES PARTMENT OF THE II UREAU OF LAND MANA NOTICES AND REPO is form for proposals to II. Use form 3160-3 (API	NTERIOR GEMENT <b>RTS ON WE</b>	LLS enter an roposals.		OMB NO.	PPROVED 1004-0135 amber 30, 2000
		PLICATE - Other Instruc				7. If Unit or CA/Agreen	nent, Name and/or No.
I. Type of Well						8. Well Name and No.	
Oil Well				12 13 14 15 16	122	OLD RANCH CAN	YON 7 FED 4
2. Name of Oper DEVON EN		Contact: ION CO L P	E-Mail: karen.c	ottom@vn.com	192	9. API Well No. 30-015-31151-00	-51
	BROADWAY SUI A CITY, OK 7310		3b. Phone No. Ph: 405.22	(innered) and and 8.7542 COUST and .468 ECEIVED	2122	10. Field and Pool, or E INDIAN BASIN	xploratory
4. Location of W	ell (Footage, Sec., 1	., R., M., or Survey Description		OCD - ARTES	SH &/	11. County or Parish, an	d State
Sec 7 T22S	R24E SWNW 15	99FNL 1248FWL	15	150562021	_∧~/	EDDY COUNTY,	NM
	2. CHECK APP	ROPRIATE BOX(ES) TO	) INDICATE	NATURE OF	NOTICE, R	EPORT, OR OTHER	DATA
TYPE OF S	UBMISSION		<u></u>	TYPE C	OF ACTION		
	Intent	Acidize		)en	Produc	tion (Start/Resume)	U Water Shut-Off
-		Alter Casing		ture Treat	Reclam		U Well Integrity
Subseque		Casing Repair		Construction			Drilling Operations
C Final Aba	ndonment Notice	Change Plans	_	and Abandon	_	rarily Abandon	June optimient
	·	Convert to Injection eration (clearly state all pertine	O Plug		O Water		
following com testing has be determined th 9/4/2003 C 9/5/2003 T 500 psi low Amos with to 2665'(go 9/6/2003 S 9/7/2003 S original hol 9/8/2003 S from 2765' 9/9/2003 S	pletion of the involved an completed. Final A at the site is ready for it loved and rigged u cut-off the old brad ested stack, mani- ested stack, mani- ested stack, mani- ested stack, mani- ested stack, mani- state of the old brad ested stack, mani- state of the old brad od cement). Circu- silde drilled from 2 a. Drilled from from 2 bilde drilled from 2 to 3264'.	up rotary tools. Don Early len head and install a new fold, upper & lower kelly v ising from plug to surface , but did not wittness the t ulated hole clean and unic 665' to 2686', attm. to side 686' to 2693' Attempted n 2693' to 2740'. Restarte 755' to 2765', finished kicl lied with surveys from 326	sults in a multipl ed only after all with the BLM rone. valve, and star to 500 psi. R est. Dressed aded directio atrack the hole to rotate out k ed kick-off fro king off plug. 34' to 3485'.	e completion or re requirements, inch was notified. nd pipe to 3000 etrieved 9 5/8" off side track pl nal tools. s. sick off and wer m 2740' to 275 Slide and rota	completion in a uding reclamation "C" plug. Jin lug from 261 ht back in the 5'. ary drilled	new interval, a Form 3160 on, have been completed, a j j 7'	-4 shall be filed once
Name (Printed	Con 1/Typed) KAREN (	Electronic Submission a For DEVON ENERC mmitted to AFMSS for proc COTTOM	724104 verified BY PRODUCTI ressing by AR	IANDO LOPEZ	ell Information at to the Carls on 10/09/2003 NEERING TE	(04AL0005SE)	
Cimature	(D)	Submission)		Data			
Signature		Submission) THIS SPACE F(	DR FEDERA	Date 10/09/		SE	
	ACCEPT			LES BAE			
Approved By Conditions of appr	oval, if any, are attach	ed. Approval of this notice doe	s not warrant or	TitlePETROL		EER	Date 10/09/2
which would entitl	e the applicant to cond	uitable title to those rights in th luct operations thereon.	_	Office Carlsb			
Title 18 U.S.C. Se States any false,	ction 1001 and Title 4. fictitious or fraudulent	3 U.S.C. Section 1212, make it is statements or representations a	a crime for any p s to any matter w	erson knowingly a vithin its jurisdiction	and willfully to a	nake to any department or	agency of the United
	** BIM DE\						

' BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

#### Additional data for EC transaction #24104 that would not fit on the form

#### 32. Additional remarks. continued

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9/23/2003 Ran 192 joints of 7" 23# HCL80 & J55 casing. Finished running casing to 8488'.
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Form 3160 3 (August (1999)	UNITED STATES DEBARTMENT OF THE IN BUREAU OF LAND MANAG	UTERIOR '	N.M. 1301 W.		t. 2 Avenue 82 <u>10</u> 5. Lesse S	FORM APPROVE OMB No. 1004-01 Expires November	
Construction	Y NOTICES AND REPOR his form for proposals to o rell, Use Form 3160-3 (APD	RTS ON WE drill or to re- )) for such p	ELLS enter an roposals.		SHL & B 6. If Indian N/A	HL: NM-NM8	Name
1. Type of Well	PLICATE + Other Instru	ctions on n	warse side		7. If Unit N/A	or CA/Agreement,	Name and/or No.
2. Name of Operator	] Other	Robert P	. Elliot	E		ame and No. ch Canyon "7"	Federal #4
	Company, L.P.	Operatio	ons Engr	Advisor	9. API We		
3a. Address 20 N. Broadway, Suite 150	the second s	(405)228-	8609			nd Pool, or Explore asin (Morrow)	•
4. Location of Well (Footage, Se SHL: 1599' FNL & 1248' F BHL: 2310' FSL & 1980' F	cc., T., R., M., or Survey Description WL, Unit E, Section 7-T WL, Unit K, Section 7-T	22S-R24E,	Eddy Cnty, Eddy Cnty,	NM NM		y or Parish, State DUNTY	
12. CHECK AI	PPROPRIATE BOX(ES) TO	DINDICATE	E NATURE (	OF NOTICE,	REPORT, O	R OTHER DA	ГА
TYPE OF SUBMISSION			ТҮРЕ С	F ACTION			
Notice of Intent	Acidize	Deepen Fracture To	meat 🗌	Production (S Reclamation	tart/ Resume)	Water Shut-	
Subsequent Report	Casing Repair	New Const	_	Recomplete		🕅 Other Whi	pstock plug
Final Abandonment Notice	Change Plans	<ul><li>Piug and A</li><li>Piug Back</li></ul>	_	Temporarily A Water Dispos		over cut	off 7" casing
If the proposal is to deepen dir Attach the Bond under which following completion of the in	• • •	Ily, give subsurf ride the Bond No results in a mult filed only after a	face locations m b. on file with B tiple completion all requirements	easured and true LM/BIA. Requi or recompletion , including recla	e vertical depths ired subsequent i in a new interv imation, have be	of all pertinent mar reports shall be file al, a Form 3160-4 s en completed, and t	kers and zones. d within 30 days shall be filed once the operator has
5500' with 35 feet of cem- open ended to 5508'. Pui Class C for a 300' balanc at 5025', solid at 5120' on Loaded casing and press Ran mechanical cutter of and speared casing throu Casing came free. POOI At this time Devon plans and 100' on top of 7" casi	ent on top of each for PB mped in 240 bbls 9 ppg m ed cement plug 5309-500 cement. TOH with tubin tested to 1500 psi. Atten n tubing, made up swivel. gh BOP's. PU to 300,000 H and LD 7" csg. to set a whipstock plug as ing stub). Then tag plug a	TD 5465'. P hud ; circ'd c 99' (yield 1.3 9. npted to jet c Cut 7" casi 0# but casin 5 follows: Ri and pump 30	ress tested asing with n 4 cf at 14.8 cut 7" casing ing at 5000' g was not fr 1H with tubin	casing to 1 nud from tul ppg). Displ g at 5000', b Could not ee. RIH wit	500 psi. Ra bing depth a aced with 9 but could not establish cir h jet cutter a ement plug fi	n 2 7/8" 6.5# L at 5511'. Pump ppg mud . Ta t get jet cutters rculation. RU and cut casing from 3625' to 3	2-80 tubing ped 50 sx gged soft fill s below 3200'. casing jacks at 3325'.
rig and wait on drilling rig		DW 1851.			APP	ROVED	1
<ol> <li>I hereby certify that the foregon Name (Printed/Typed)</li> <li>Candace R. Graham 405</li> </ol>	•		Title Engineerir	ng Tech.	AUG	1 9 2003	
Signature Canda	ce R. Fraham		Date 08/18/200	3	LE	S BABYAK EUM ENGINEE	
	THIS SPACE	OPTEDEN.			PETROL SE		
Approved by			Title	A A A A A A A A A A A A A A A A A A A		Date	and a set of the set of the set
Conditions of approval, if any, arcertify that the applicant holds leg which would entitle the applicant	al or equitable title to those rights				<u>-</u> 1	· <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 as to any matter within its jurisdiction.

(Instructions on reverse)

No JUL SUNDR	UNITED STATE DEPARTMENT OF THE BURGAU OF LAND MANA Y NOTICES AND REPO Is form for proposals to cell. Use Form 3160-3 (AF	ES N.M INTERIOR 1301 W AGEMENT Artes DRTS ON WELLS D drill or to re-enter an		DILCASE SERI SHL & BH	FORM APPROVED OMB No. 1004-0135 Expires November 30, 2000 al No. L: NM-NM81219 Allottee or Tribe Name		
	<b>DUCATE : Office in Str</b> ] Oth <del>er</del>			N/A 8. Well Nam	CA/Agreement, Name and/or No. e and No. Canyon "7" Federal #4		
Devon Energy Production	Company, L.P.	3b. Phone Noch include		9. API Well 30-015-31			
3a. Address       3b. Phone Nochinclude artificial         20 N. Broadway, Suite 1500, OKC, OK 73102       (405)228-8609         4. Location of Well (Footage, Sec., T. R., M., or Survey Description)       1					10. Field and Pool, or Exploratory Area Indian Basin (Morrow)		
SHL: 1599' FNL & 1248' F BHL: 2310' FSL & 1980' F	WL, Unit E, Section 7 WL, Unit K, Section 7	-T22S-R24E, Eddy.@n -T22S-R24E, Eddy Of	TY NM DE C	11. County or Parish, State Eddy County New Mexico			
12. CHECK AI	PROPRIATE BOX(ES)	TO INDICATE NATUR	E OF NOTICE, RE	PORT, OR	OTHER DATA		
TYPE OF SUBMISSION		түр	E OF ACTION				
Notice of Intent Subsequent Report	Acidize     Alter Casing     Casing Repair	Deepen	<ul> <li>Production (Start/</li> <li>Reclamation</li> <li>Recomplete</li> </ul>	-	Water Shut-Off Well Integrity Other amend		
Final Abandonment Notice	Casing Repair Change Plans Convert to Injection	<ul> <li>Plug and Abandon</li> <li>Plug Back</li> </ul>	Recomplete     Temporarily Abar     Water Disposal		intent to deepen		
13. Describe Proposed or Complet	ed Operation (clearly state all pe	rtinent details, including estin	nated starting date of any	v proposed wor	k and approximate duration thereof.		

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

At this time Devon request changes in the intent to deepen the Old Ranch Canyon "7" Federal #4 as follows.

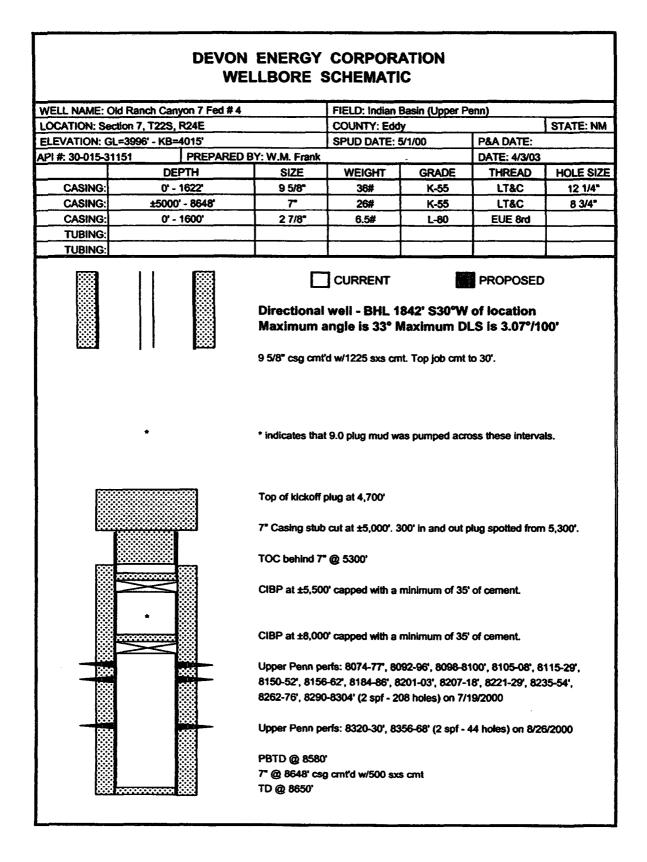
1. Top of kick off plug at  $\pm$ 4,700' with the 7" casing stub cut at  $\pm$ 5,000' (300' in and out plug spotted from 5,300', TOC behind the 7" casing at 5,300'). There will be a CIBP at 5,500' and at 8,000' each capped with 35' of cement. Please see the attached well bore schematic of the proposed procedures.

2. Instead of the previously requested 5 1/2" liner in the 6 1/8" or 6 1/4" hole (drilled out of the 7" casing stub), run 4 1/2" 13.5# L-80 LT&C liner ±8,300' to ETD 10,000', and cement with approximately 241 sx Class H bringing the top of cement to the top of the liner.

		APPROVED	
<ul> <li>14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)</li> <li>Candace R. Graham 405/235-3611 X4520</li> </ul>	Title Engineering Tech.	JUL 2 3 2003	<u></u>
Signature Candace R. Alaham	Date 07/21/2003	LES BABYAK PETROLEUM ENGINEER	
THIS SPACE FOR T	DERALGORIS AVISIONS OF		
Approved by	Title	Date	
Conditions of approval, if any, are attached. Approval of this notice does r certify that the applicant holds legal or equitable title to those rights in the s which would entitle the applicant to conduct operations thereon.		I	
Title 18 11 S.C. Section 1001	d willfully to make to such down down down		<b>a</b>

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.

(Instructions on reverse)



L:\Production\Common\Frank\AWeldata\IndnBasn\Old Ranch Canyon\ORC 7-4 after PA Schematic.xls

·	UNITED STATES DEPARTMENT OF THE R BUREAU OF LAND MANAG	TEBORW. Gra	nd Avenue	S. Lease Serial	
Do not use th	Y NOTICES AND REPOI his form for proposals to o rell. Use Form 3160-3 (APL	drill or to re-enter an			: NM-NM81219 llottee or Tribe Name
. Type of Well			1 <b>11</b> 1	7. If Unit or C N/A	A/Agreement, Name and/or No.
Oil Well X Gas Well C Name of Operator Devon Energy Production 3a. Address	Company, L.P.	Wally Frank Senior Operat 3b. Phone No. (include		8. Well Name Old Ranch 9. API Well N 30-015-311	Canyon "7" Federal #4 o.
20 N. Broadway, Suite 150 4. Location of Well ( <i>Footage, Se</i> SHL: 1599' FNL & 1248' F 'BHL: 2310' FSL & 1980'	c., T., R., M., or Survey Description WL, Unit E, Section 7-T	22S-R24E, Eddy C	nty, NM Cnty, NM	Indian Basi 11. County or Eddy Count	Parish, State Ly
12. CHECK AJ	PPROPRIATE BOX(ES) TO	D INDICATE NATU	RE OF NOTICE, R	New Mexico EPORT, OR C	-
TYPE OF SUBMISSION	[	TY	PE OF ACTION		
<ul> <li>Notice of Intent</li> <li>Subsequent Report</li> </ul>	Acidize     Alter Casing     Casing Repair	Deepen           Fracture Treat           New Construction	Production (Star     Reclamation     Recomplete		Well Integrity
Final Abandonment Notice	Change Plans Convert to Injection	<ul><li>Plug and Abandon</li><li>Plug Back</li></ul>	Temporarily Ab     Water Disposal	andon	drilling program
Attach the Bond under which the following completion of the in-	ectionally or recomplete horizontal the work will be performed or prov volved operations. If the operation nal Abandonment Notices shall be by for final inspection.)	ily, give subsurface location ide the Bond No. on file w results in a multiple compl filed only after all requiren isted previously has	ns measured and true v ith BLM/BIA. Require etion or recompletion in nents, including reclame been changed to	ertical depths of al d subsequent report n a new interval, a ation, have been co o show the pro	I pertinent markers and zones. Its shall be filed within 30 days Form 3160-4 shall be filed once simpleted, and the operator has
**The pressure control eq bag type preventor, middl and tested to API specific rams will be operated who as will a hydraulically oper pressures or temperature	e blind rams and bottom ations. The blow out pre- en drill pipe is out of hole rated closing unit and a 2	pipe rams. The blow venter will be operation trips. Full openir	w out preventer w ed at least once i ng stabbing valve	ill be nippled n each 24 ho and upper ke	up on the 9 5/8" casing ur period and the blind Ily cock will be utilized
pressures or temperature					

Name (Printer	d/Typed) raham 405/235-3611 X4520	Title Engineering Tech.				
Signature	ndace R. Graham	Date 03/2	28/2003			
	THIS SPACE FOR FEDERA	L ÔŖ	STATE OFFICE USE			
Approved by	(ORIG. SGD.) ALEXIS C. SWOBODA		PETROLEUM ENGINEER" MAR 3 1 2003			
certify that the appli	val, if any, are attached. Approval of this notice does not warr icant holds legal or equitable title to those rights in the subject I the applicant to conduct operations thereon.		Office			
Title 18 U.S.C. Sect	tion 1001, makes it a crime for any person knowingly and willfu	illy to r	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. any ia se, fictitic

(Instructions on reverse)

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Hobbe	MM	88241-1980	

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Energy, Minerals, and Natural Resources Department

Revised 02-10-94

Instructions on back

Submit to the Appropriate District Office State Lease — 4 copies Fee Lease — 3 copies

DISTRICT II P. O. Drower DO Artesic, NM 88211-0719 DISTRICT III. 1000 Rio Brozos Rd. Aztec, NM 87410

OIL CONSERVATION DIVISION P. 0. Box 2088 Santa Fe, New Mexico 87504-2088

X AMENDED REPORT 3-28-2003

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-2085 WE				DICATION P	LAT (and	ace K.H	aham
1	² Pool Code	3 Poc		ian Basin (	Morrow		
						• Vell Number	r
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• Operator N	Bevon Ener SANTA	rgy Produ	DER COR	ORATION		3996	<b>,</b>
	10 C	SURFACE	LOCATION				
Tevnebip 22 SOUTH	Range 24 FAST NMP			1			County EDDY
				L		*E01	
Township	Range	Lot Ide	Feet from the	North/South H	Tost from the	East/West line	County
22-S			1360+	South	-990-'	L	Eddy
ist or Isfili	" Consolidation Cod	• 1º Order	No. 2310' I	FSL	1980' H	·WL	
-5 SHL 1980'	BHL 2310'				I hereby cert contained her to the best of Signature James P. James P. Title Agent for Date 3.2.0 SURVEYOI I hereby c location sho plotted from surveys ma my supervision surveys ma my supervision plotted from Surveys ma my supervision Surveys ma my supervision Surveys ma plotted from surveys ma my supervision Surveys ma my supervision Surveys ma my supervision Surveys ma fEBR Signature and Professional Survey fEBR	ity that the initian is true and my knowledge of "Phil" Sti Santa Fe S Od R CERTIFIC ertify that the win on this p field notes of de by me of sion, and the e and correct belief.	formation complete and belief. Arron inson Snyder Arron he well bat was f actual r under hat the t to the t to the t the t actual r under hat the t actual r under
	Derator No Proporty No Proporty No Proporty No Pownship 22 SOUTH "BOTTO Township 22-S int or Infill LOWABLE WI NSOLIDATED SHIL	Proporty Name ILD R. Proporty Name ULD R. Operator Name Devon Ener SANTA * Consolidation Pange 22 SOUTH 24 EAST, N.M.P * BOTTOM HOLE LOC Township Range 22-S 24 East NMI int or Enfill * Consolidation Cod LOWABLE WELL BE ASSIGNED NSOLIDATED OR A NON-STA SHL SHL 1980' BHL	Proporty Name  ILD RANCH CA  Proporty Name  ILD RANCH CA  Operator Name Devon Energy Produ SANTA FE SN  * SURFACE  Township 22 SOUTH 24 EAST, N.M.P.M.  *BOTTOM HOLE LOCATION IF  Township 24 EAST, N.M.P.M.  *BOTTOM HOLE LOCATION IF  to rest or Infill * Consolidation Code * Order  LOWABLE WELL BE ASSIGNED TO THIS NSOLIDATED OR A NON-STANDARD UN  SHL  1980* BHL	Peol Code     Ind:     Proporty Name     ILD RANCH CANYUN '7'     Operator Name Devon Energy Production Com     SANTA FE-SNYDER-EUR     SURFACE LOCATION     Tornahip Range     Lot Ida Peet from the     1509'     BOTTOM HOLE LOCATION IF DIFFEREI     Tornahip Range     Lot Ida Peet from the     1509'     BOTTOM HOLE LOCATION IF DIFFEREI     tor Infill * Consolidation Code * Order No. 2310* 1     Lowable Well BE ASSIGNED TO THIS COMPLETION     NSOLIDATED OR A NON-STANDARD UNIT HAS BEEN     SHL     J980*     BHL	Peel Code     Indian Basin (     Indian Basin	Image: Proof Hums       Indian Basin (MOTTOW)         I Property Name       ILD RANCH CANYUN '7' FEDERAL         'Operator Name Devon Energy Production Company, L.P. SANTAT FE-SWYBER CERPENATION         "SURFACE LOCATION         "SURFACE LOCATION         Termship       Range         22 SOUTH       24 EAST, N.M.P.M.         Lat Ma Feet from the North/South Hase         "BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE         Termship       Range         22-S       24 EAST, N.M.P.M.         'Data or InIL'       Consolidation Code         'Dramabig       Bange         Lot Ma Feet from the North/South Hase       Feet from the 2366±         22-S       24 EAST, NMPP         'Dramabig       Bange         LOWABLE WELL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HANSOLDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISE         OPERATOU       // Anerge contended here on the south sou	Indian Basin (MOTTOW)  Preparty Manas  ILD RANCH CANYUN "7" FEDERAL  * Operator Name Devon Energy Production Company, L.P. SANTA TE SNYBER CENNERATION  * SURFACE LOCATION  * BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE  * BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE  * BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE  * Consolidation Code * Order Ma. 2310' FSL  OVABLE WELL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN SOLDATED OR A NON-STANDARD UNTI HAS BEEN APPROVED BY THE DIVISION  OPERATOR CERTIFIC  / Agent for Santa Fe S Base 3.2.00  SHL 2310' BHL 300' BHL 30' BHL 30'

Form 3160-5 (August 1999)	UNITED STATE	s N.M. Ľ	Cons. DIV-Dist. 2		ORM APPROV	/ED 0135	
	DEPARTMENT OF THE I BUREAU OF LAND MANA	GEMENArtesia,	NM 88210	5. Lease Serial SHL & BHL:			
	his form for proposals to vell. Use Form 3160-3 (API			6. If Indian, All	lottee or Trib	e Name	
SUBME IN TR 1. Type of Well		รับออีร อาสารเร			VAgreement	, Name and/or No.	
Oil Well Gas Well C. Name of Operator	X Other - proposed ga	s well Wally Frank		8. Well Name a Old Ranch C		<b>"</b> Federal #4	
Devon Energy Production	Company,	Senior Opera		9. API Well No 30-015-3115	),		
3a. Address 20 N. Broadway, Suite 15		3b. Phone No. (inc. (405)552-4595	lude area code )	10. Field and Po Indian Basin	ool, or Explo		
4. Location of Well (Footage, S SHL: 1599' FNL & 1248'   BHL: 1842' FSL & 1407'	ec., T., R., M., or Survey Descripti FWL, Unit E, Section 7- FWL, Unit L, Section 7-	T22S-R24E, Eddy	Cnty, NM Cnty, NM	11. County or P Eddy County New Mexico	arish, State	<u></u>	
12. CHECK A	PPROPRIATE BOX(ES) T	O INDICATE NAT	URE OF NOTICE, RI	EPORT, OR O	THER DA	TA	
TYPE OF SUBMISSION		• 	TYPE OF ACTION			<u> </u>	
<ul><li>Notice of Intent</li><li>Subsequent Report</li></ul>	Acidize     Alter Casing     Casing Repair	Deepen     Fracture Treat     New Construction	<ul> <li>Production (Start</li> <li>Reclamation</li> <li>Recomplete</li> </ul>	/ Resume)	Water Shu Well Integ Other		
Final Abandonment Notice	Change Plans Convert to Injection	Plug and Abandon     Plug Back	n Temporarily Aba	ndon			
Attach the Bond under which following completion of the ir	rectionally or recomplete horizonta the work will be performed or pro- twolved operations. If the operation inal Abandonment Notices shall be dy for final inspection.) ly requests permission to wellbore with 9.0 ppg plu- cutting off the casing at ± ement plug as a kick off p	ally, give subsurface loc vide the Bond No. on fil- n results in a multiple con- e filed only after all requi- plug back the exis- ig mud, capping the 5,300°, and pump- point to directional	ations measured and true ve e with BLM/BIA. Required impletion or recompletion in irements, including reclama sting wellbore to app the CIBP @ ±8,050' w ing a 100' in/out cerr y drill the new wellbo	rtical depths of all I subsequent report a new interval, a I tion, have been co roximately 5,3 vith at least 35 nent plug from ore to the botto	pertinent mains shall be fill Form 3160-4 mpleted, and 500' by se 5' of cerne 1 ±5,400' form hole le	arkers and zones. led within 30 days shall be filed once t the operator has etting a CIBP ent, setting to ±5,200'. We	
5. BOP data sheet 6. Drilling rig layou 7. H2S Plan 8. Bond letter	d Operating Plan e schematic 1/2" liner data sheets		APPROVAL SI GENERAL REC SPECIAL STIP	QUIREMEN	TS AND ATTAC		
14. I hereby certify that the forego Name ( Printed/Typed )	bing is true and correct	Title	<u></u>		282030		:\ !
Candace R. Graham 40	5/235-3611 X4520	Eng	ineering Tech.		82	RECEIVED	121314
Signature Canda	ce R. Fraha	1	1/2003		2627	RECEIVED	
	THIS SPACE	FOR FEDERAL OR	STATE OFFICE USE		12		/
Approved by ORIG. Conditions of approval, if any, ar	SGD.) ALEXIS C. SWOB		Title <b>PETROLEUM E</b> Office	NGINEER	MAR	\$ 7 2003	
certify that the applicant holds leg which would entitle the applicant	al or equitable title to those right				` 		
Title 18 U.S.C. Section 1001, mail fraudulent statements or represent	kes it a crime for any person know lations as to any matter within its	wingly and willfully to r jurisdiction.	nake to any department or	agency of the Uni	ted States a	ny false, fictitious or	

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#### ATTACHMENT 1 DRILLING PROGRAM

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Devon Energy Production Company, L.P. Old Ranch Canyon "7" Federal #4 SHL= 1599' FNL & 1248' FWL, Unit E BHL= 1842' FSL & 1407' FWL, Unit L Section 7-T22S-R24E, Eddy County, New Mexico

#### Estimated Tops of Important Geologic Markers

San Andres	820'
Glorieta	2,230'
Bone Spring	3,394'
2nd Bone Spring	4,234'
3rd Bone Spring	6,415'
Wolfcamp	6,838'
Cisco-Canyon	7,575'
Strawn	8,520'
Atoka	8,914'
Morrow	9,294'
Barnett shale	9,925 <u>'</u>
ETD	10,000'

#### **Casing Program**

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Hole Size	Interval	Casing OD	<u>Weight</u>	Grade	Type
12 1/4"	0'-1622'	9 5/8" existing	36#	K-55	8rd LT&C
8 3/4"	0'-±8600'	7" proposed	23#	J55/L80/HCL180	8rd LT&C
6 1/8"	8900'-0-±10,000'	5 1/2" proposed	17#	L-80	8rd LT&C
	-	LINER			

#### **Cementing Program**

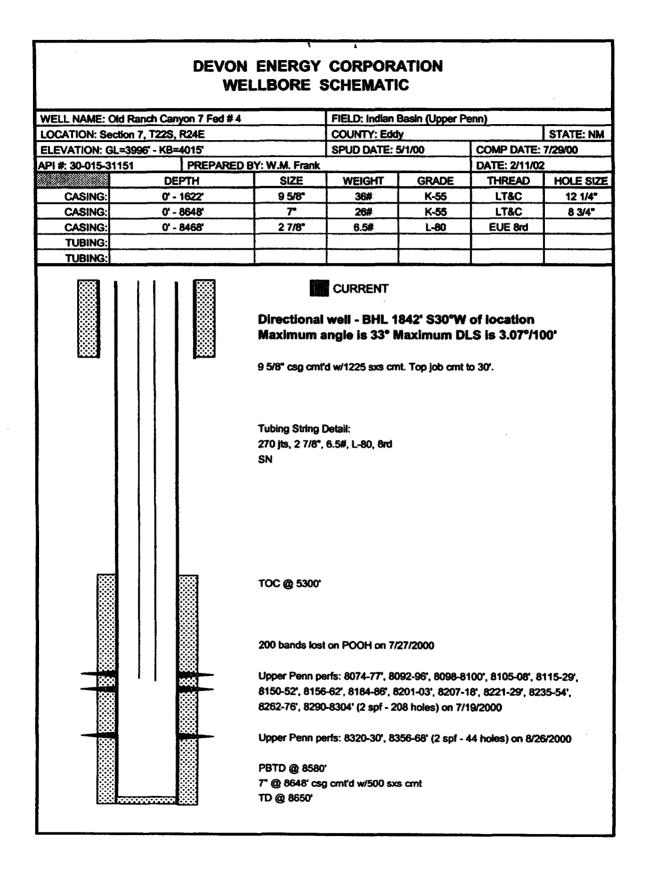
9 5/8" Surface Casing (existing):	Cemented to surface - 10 sx Thix + 450 sx HCL + 765 sx Class C
7" Production Casing (proposed):	Cement to 6000' (or 500' above the Wolfcamp) - 400 sx 15/61/11 Pozmix/ Class C.
5 1/2" Production Liner (proposed):	<b>8300'</b> Cement to <del>8500</del> ' – 257 sx Class.

#### Types and Characteristics of the Proposed Mud System

The hole will be drilled to total depth with fresh water/Dris-Pac mud systems at the following depths.

		Weight	<b>Viscosity</b>	Water Loss
Depth	Туре	(ppg)	(1/sec)	<u>(cc)</u>
±5000-7300'	Fresh water mud system, add paper to control seepage, Hi Vis sweeps	8.5 - 8.7	29 – 40	No control
7300' – TD	Fresh water/Dris-Pac mud system, soda ash to control seepage, Hi Vis sweeps to clean hole	8.5 - 9.6	28 - 40	10 or less

The necessary mud products for weight addition and fluid loss control will be on location at all times.



Well na Operate String t	or: Devo	on Energ uction	gy Production			<b>iyon 7-4Y</b>			:
Locatio	n: Secti	ion 7, T2	2S, R24E						
Design parameters:				Minimum design factors:			Environment:		
	<u>weig</u> ht: gn is based o	on evacu	8.600 ppg ated pipe.	<u>Collapse:</u> Design factor 1.125			H2S considered? Yes Surface temperature: 75 °F Bottom hole temperature: 144 °F Temperature gradient: 0.80 °F/10 Minimum section length: 1,000 ft		
				<u>Burst:</u> Design fac	tor	1.00			
Burst May	anticipated s	urface		-					
	ressure:		3,842 psi						
	nal gradient:		0.000 psi/ft	Tension:			Directional Info - Build & Drop		
	ulated BHP		3,842 psi	8 Round STC: 1.80 (J)		1.80 (J)	Kick-off poir	1500 ft	
	• • • •					1.80 (J)	Departure a	1554 ft	
Annular backup: 8.60 ppg				Buttress: 1.60 (J)				1.5 °/100ft	
						1.50 (J)	Inclination at shoe:		0 °
				Body yield	:	1.60 (B)			
				Tension is	based on a	air weight			
				Neutral po		7,736 ft			
			Estimated cost:		64,716 <b>(\$)</b>				
Run	Segment		Nominal		End	True Vert	Measured	Drift	Est
Seq	Length	Size	Weight	Grade	Finish	Depth	Depth	Diameter	Cost
-	(ft)	(in)	(lbs/ft)			(ft)	(ft)	(in)	· (\$)
3	1500	7	23.00	L-80	LT&C	1500	1500	6.25	13454
-			~~ ~~						

2	4500	7	23.00	J-55	LT&C	5780	6000	6.25	23611	
1	2848	7	23.00	HCL-80	LT&C	8600	8848	6.25	27650	
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psl)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor	
3	670	3353	5.00	3842	6340	1.65	197.8	435	2.20 J	
2	2582	3071	1.19	3172	4360	1.37	163.3	313	1.92 J	
1	3842	5650	1.47	1260	6340	5.03	64.9	485	7.48 J	

Prepared W.M. Frank

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Remarks:

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by: Devon Energy

Phone: (405) 552-4595 FAX: (405) 552-4621 Date: March 8,2003 Oklahoma City, Oklahoma

Collapse is based on a vertical depth of 8600 ft, a mud weight of 8.6 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.

#### ATTACHMENT 4

	Old Ranch Canyon 7-4Y Devon Energy Production Company L.P. Liner: Production							
Location: Secti	on 7, T22S, R24E							
Design paramete	rs:	Minimum desig	n factors:	Environment:	N1-			
<u>Collapse</u> Mud weight:	9.600 ppg	<u>Collapse:</u> Design factor	1.125	H2S considered? Surface temperature:	No 75 ⁰F			
•	on evacuated pipe.			Bottom hole temperature Temperature gradient: Minimum section length:	: 155 °F 0.80 °F/100ft			
		Burst:		Minimum Drift:	4.250 in			
		Design factor	1.00					
<u>Burst</u>								
Max anticipated s pressure:	sunace 4,987 psi			Liner top:	8.300 ft			
Internal gradient:		Tension:		Non-directional string.	0,000 1			
Calculated BHP	4,987 psi	8 Round STC: 8 Round LTC:	1.80 (J) 1.80 (J)	······				
Annular backup:	9.60 ppg	Buttress: Premium:	1.60 (J) 1.50 (J)					

Tension is based on air weight. Neutral point: 9,752 ft

Body yield:

1.60 (B)

Run	Segment		Nominal		End	True Vert	Measured	Drift	Est.
Seq	Length (ft)	Size (in)	Weight (lbş/ft)	Grade	Finish	Depth (ft)	Depth (ft)	Diameter (in)	Cost (\$)
1	1700	5.5	17.00	L-80	LT&C	10000	10000	4.767	10771
Run	Collapse	Collapse	Collapse	Burst	Burst	Burst	Tension	Tension	Tension
Seq	Load	Strength	Design	Load	Strength	Design	Load	Strength	Design
	(psi)	(psi)	Factor	(psi)	(psi)	Factor	(kips)	(kips)	Factor
1	4987	6290	1.26	848	7740	9.13	28.9	338	11.70 J

Prepared Walter M. Frank

by: Devon Energy

Remarks:

Phone: (405) 552-4595 FAX: (405) 552-4621

Date: March 8,2003 Oklahoma City, Oklahoma

For this liner string, the top is rounded to the nearest 100 ft. Collapse is based on a vertical depth of 10000 ft, a mud weight of 9.6 ppg The Collapse strength is based on the Westcott, Dunlop & Kemler method of blaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

### Attachment #5 <u>BLOWOUT PREVENTORS</u> Devon Energy Production Company, L.P. Old Ranch Canyon "7" Federal #4 SHL= 1599' FNL & 1248' FWL, Unit E BHL= 1842' FSL & 1407' FWL, Unit L Section 7-T22S-R24E, Eddy County, New Mexico

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- 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 to withstand a minimum 3000 psi working pressure.
- 4. All fittings will be flanged.
- 5. A full bore safety valve tested to a minimum 3000 psi WP 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. Hydraulic floor control for BOP will be located as near in proximity to driller's controls as possible.
- 11. All BOP equipment will meet API standards and include a minimum 40 gallon accumulator having two independent means of power to initiate closing operation.

## **DEVON ENERGY CORPORATION**

#### HYDROGEN SULFIDE DRILLING OPERATIONS PLAN

#### A. Hydrogen Sulfide Training

All rig crews and company personnel will receive training from a qualified instructor in the following areas prior to penetrating any hydrogen sulfide bearing formations during drilling operations:

- 1. The hazards and characteristics of hydrogen sulfide (H2S).
- 2. The proper use and maintenance of the H2S safety equipment and of personal protective equipment to be utilized at the location such as H2S detection monitors, alarms and warning systems, and breathing equipment. Briefing areas and evacuation procedures will also be discussed and established.
- 3. Proper rescue techniques and procedures will be discussed and established.

In addition to the above, supervisory personnel will be trained in the prevention of oil and gas well blowouts in accordance with Minerals Management Service Standards Subpart - 0 - 250 - 212.

Prior to penetrating any known H2S bearing formation, H2S training will be required at the rig sight for all rig crews and company personnel that have not previously received such training. This instruction will be provided by a qualified instructor with each individual being required to pass a 20 question test regarding H2S safety procedures. All contract personnel employed on an unscheduled basis will be required to have received appropriate H2S training.

This Hydrogen Sulfide Drilling And Operations Plan shall be available at the wellsite during drilling operations.

#### **B. H2S Safety Equipment And Systems**

All H2S safety equipment and systems will be installed, tested, and operational when drilling operations reach a depth approximately 500' above any known or probable H2S bearing formation. The safety systems to be utilized during drilling operations are as follows:

#### DEVON ENERGY CORPORATION Hydrogen Sulfide Drilling Operations Plan

#### 1. Well Control Equipment

- (a) Double ram BOP with a properly sized closing unit and pipe rams to accommodate all pipe sizes in use.
- (b) A choke manifold with a minimum of one remote choke.
- 2. H2S Detection And Monitoring Equipment
  - (a) Three (3) H2S detection monitors will be placed in service at the location. One monitor will be placed near the bell nipple on the rig floor; one will be placed at the rig substructure; and, one will be at the working mud pits or shale shaker. This monitoring system will have warning lights and audible alarms that will alert personnel when H2S levels reach 10 ppm.
  - (b) One (1) Sensidyne Pump with the appropriate detection tubes will also be available to perform spot checks for H2S concentrations in any remote or isolated areas.
- 3. Protective Equipment For Essential Personnel

Protective equipment will consist of the following:

- (a) Four (4) five minute escape packs located at strategic points around the rig.
- (b) Two (2) thirty minute rescue packs to be located at the designated briefing areas.
- 4. Visual Warning System

Visual warning system will consist of the following:

- (a) Two wind direction indicators.
- (b) One condition / warning sign which will be posted on the road providing direct access to the location. The sign will contain lettering of sufficient size to be readable at a reasonable distance from the immediate location. The sign will inform the public that a hydrogen sulfide gas environment could be encountered at the location.

#### 5. Mud Program

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The mud program has been designed to minimize the volume of H2S circulated to surface. Proper mud weight and safe drilling practices (for example, keeping the hole filled during trips) will minimize hazards when drilling in H2S bearing formations.

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6. Metallurgy

All drill strings, casings, tubing, wellhead, blowout preventers, drilling spools, kill lines, choke manifold and lines and valves shall be suitable for H2S service.

7. Communication

Cellular telephone communication will be available in company vehicles.

C. Diagram of Drilling Location

Attached is a diagram representing a typical location layout as well as the location of H2S monitors, briefing areas and wind direction indicators.

District I 1625 N. French Dr., Hobbs, NM 88240 District III 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit 1 copy of the final affected wells list along with 1 copy of this form per number of wells or. that list to appropriate District Office

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# **Change of Operator**

Previou	s Operator Information:	New Operator Information:				
		Effective Date:	November 1, 2002			
OGRID:	20305	New Ogrid:	6137			
Name:	Devon SFS Operating, Inc.	New Name:	Devon Energy Production Company LP			
Address:	20 North Broadway	Address:	20 North Broadway			
Address:	Ste 1500	Address:	Ste 1500			
City, State, Zip:	Oklahoma City, OK 73102	City, State, Zip:	Oklahoma City, OK 73102			

I hereby certify that the rules of the off Conservation Division have been complied with and that the information on this form and the attached list of works is true and complete to the best of my knowledge and belief.

New Operator Signature:	Dot	122	L	
	Brad Foster			
	Operations Manag	çer		
Title:	October 1, 2002		(405)552-7837	
Date:		Phone:		

Previous operator complete below:	NMOCD Approval
Previous Devon SFS Operating, Inc.	Signature:
Previous 20305 OGRID:	Printed Name: Matter Strike wiser
Signature	District:
Printed Brad Føster Name: Operations Manager	Date: ROV 0 1 2002

District 1 1625 N. French District II 811 South First District III 1000 Rio Brazo	, Artesia, N	iM 88210		-	gy, Minera CONSER 2040 S	als & VAT South		Resour		151 NT GT	_	Form C-104 Revised July 28, 2000 Appropriate District Office 5 Copies
District IV 2040 South Pac	beco, Santi	Fe, NM 875	i <b>0</b> 5							U		AMENDED REPORT
	I	RE	QUEST	FOR A	LLOWA	BLE	AND A	UTHO	ORIZ	ATION	TO TRA	NSPORT
¹ Operator na		Idress	~							RID Number		
Devon-SF 20. North	S Opera Broadwa	ting, Inc. iv. Suite 1	1500						20 Bea	305 Ion for Filing	Code/ Effective	Date
OKC, OK	73102	(W.Frai	<u>1k 405/55</u> 2	-4595)					NV	V		
⁴ API Numbe 30-015-31			Pool Name ndian Basi	n (Unner	Penn) Asso	ic.					* Pool Code 33685	
⁷ Property Co			Property Na	ne		<u>.</u>					' Well Numt	Der
16775 II. ¹⁰ Surfa	ce Locat		old Ranch	Canyon "	7" Federal				<u></u>		4	
Ul or lot no.	Section	Township		Lot.Ida		rom the	North/Se	outh Line	Feet		East/West line	County
E	7 m Hole	22S	24E		1599'		north		1248	<u>'</u> '	west	Eddy, NM
UL or lot no.	Section	Township	Range	Lot. Idr	Feet fr	rom the	North/S	outh line	Feet	from the	East/West line	County
L	7	22S	24E	Connection I	1842'	130 D-	south		1407	Effective Dat	west	Eddy, NM
¹² Lse Code F	P	Code	07/29/		Date "C	129 FC	rinit (vuinder			7/2000		¹⁷ C-129 Expiration Date 7/2001
III. Oil and	Gas Tran	sporters										
1# Transporte	r OGRID	· ·	" Transpor		1	30	POD	" 0/	G			LSTR Location
138648		Amoco F	and Ade Pipeline Co		- 29	114	65	0		960' FSL		VL Sec. N-8-22S-24E
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14026	· · · ·	Levellan Maratho	<u>d_TX_79</u> 2 n Oil Co.	36		19	792	G		660' FNI	& 1980' FI	EL Sec. B-7-22S-24E
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IV. Produce	ed Water			_								TRICO'
¹⁰ POD	ر مر ر	▲ I			d Description							SIA
281	191		960' FSL	<u>&amp; 1980' F</u>	WL		Sec. N-8-	<u>22S-24</u> I	E. Edd	y. NM		ل
V. Well Co											<u> </u>	10.21
^{3'} Spud 05/01/200	0	07/29/20	Ready Date	865	50' MD		8580' ML	)	807	" Perforation 4-8368	15	* DHC, MC
	' Hole Size		11	Casing & Tu	bing Size			" Depth Se	(			Sacks Cement
12 1/4" 8 3/4"			9 5/8" J5 7" K55 2	<u>536#</u>			522' 548'				40 sx 10 sx	
			2 7/8" L				68'				<u></u>	
L			L									
VI. Well Te		<b>K</b> .			7					-1		· · · · · · · · · · · · · · · · · · ·
¹⁶ Date No 07/29/200		- Gas 07/29/2	Delivery Dat		" Test Date 16/2000		24 hrs	fest Length	•	1 "16	g. Pressure	" Csg. Pressure
4 Choke		01/25/2	4 Oil	- 100/	4 Water			"Gas	_		" AOF	* Test Method
		13 BOP			BWPD		555 MCF			<u> </u>		pmpg
					e been complied v of my knowledge		DA		CO	NSERV.	ATION D	IVISION
belief.						Annumal her	ORI	Giria,	L SIGNE	dev par	w. gum	
Signature:	and	ace	K. KIR	apa	m		Approved by: DISTRICT II SUPERVISOR					
Printed name:	Candace	R. Graha	<u>um X4520</u>	· · · · · · · · · · · · · · · · · · ·		[	Title:					
Title:	Enginee	ring Tech	•				Approval Date: AUG 0 7 2001					
Date: 07/20/	2001		Phone: (4	05)235-3	611		··· <u>-</u> ·	· · · ·		···		

Job Number: WTX0500D205 Company: Santa Fe Snyder Lease/Weil: Old Ranch Canyon 7 Fed. #4 Location: Eddy County Rig Name: Mc Vay #8 RKB: G.L. or M.S.L.: State/Country: New Mexico Declination: 9.5 Grid: File name: C:\SURVEYIRANCH.SVY Date/Time: 01 Jun-00 / 09:26 Curve Name:

## WINSERVE SURVEY CALCULATIONS Minimum Curvature Method Vertical Section Plane 185.23 Vertical Section Referenced to Wellhead Rectangular Coordinates Referenced to Wellhead

Measured	Incl	Drift	Тгие			Vertical	CLOS		Dogleg
Depth	Angle	Direction	Vertical	N-S	E-W	Section	Distance	Direction	Severity
FT	Deg	Deg	Depth	FT	<b>FT</b>	FT	<u> </u>	Deg	Deg/100
GYRODA	TA SURVI	EY							
3302.00	.23	182.83	3301.90	-10.88	-8.85	11.64	14.02	219.13	.00
3335.00	.80	195.50	3334.90	-11.17	-8.91	11.93	14.29	218.60	1.75
3398.00	2.00	197.00	3397.88	-12.64	-9.35	13.44	15.73	216.49	1.91
3462.00	3.30	192.30	3461.81	-15.51	-10.07	16.36	18.49	213.00	2.06
3525.00	4.30	189.40	3524.67	-19.61	-10.84	20.52	22.41	208.94	1.62
3589.00	5.10	188.70	3588.45	-24.79	-11.67	25.75	27,40	205.20	1.25
3653.00	5.90	187.80	3652.16	-30.86	-12.54	31.88	33.31	202.12	1.26
3716.00	6.50	184.90	3714.79	-37.62	-13.29	38.68	39.90	199.45	1.20
3780.00	7.20	184.90	3778.33	-45.23	-13.94	46.31	47.33	197.13	1.09
3843.00	8.00	184.70	3840.78	-53.53	-14.64	54.64	55.50	195.29	1.03
3043.00	0.00	104.10	5040.10	-00.00	-14.04	<b>U4</b> . <b>U4</b>	33.30	133.28	1.27
3907.00	9.20	185.60	3904.06	-63.06	-15.50	64.21	64.94	193.81	1.89
3971.00	10.30	183.00	3967.13	-73. <b>87</b>	-16.30	75.05	75.65	192.44	1.85
4034.00	10.80	181.70	4029.07	-85.39	-16.77	86.57	87.02	191.11	.88
4098.00	11.80	182.30	4091.83	-97.93	-17.21	99.09	99.43	1 <b>8</b> 9.97	1.57
4162.00	12.70	182.70	4154.37	-111.49	-17.80	112.65	112.90	189.07	1.41
4225.00	13.40	181.40	4215.74	-125.71	-18.31	126.85	127.03	188.29	1.20
4289.00	14.50	180.70	4277.85	-141.13	-18.59	142.24	142.35	187.50	1.74
4352.00	14.70	182.50	4338.82	-157.01	-19.03	158.09	158.16	186.91	.79
4415.00	15.80	183.60	4399.60	-173.55	-19.92	174.65	174.69	186.55	1.81
4477.00	17.10	183.80	4459.06	-191.07	-21.05	192.20	192.23	186.29	2.10
		,		101.01	21.99		102.20		2.70
4540.00	17.70	182.70	4519.18	-209.88	-22.12	211.02	211.04	186.02	1.09

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# ORC 7-4

Measured Depth	Incl Angle	Drift Direction	True Vertical	N-S	E-W	Vertical Section	CLOS Distance	SURE Direction	Dogleg Severity
<u>FT</u>	Deg	Deg	Depth	<u></u> FT	FT	<u>FT</u>	<u>FT</u>	Deg	Deg/100
4604.00	18.60	182.40	4579.99	-229.80	-23.00	230.94	230.95	185.72	1.41
4667.00	19.70	182.90	4639.51	-250.44	-23.96	251.58	251.58	185,47	1.77
4730.00	20.10	184.00	4698.74	-271.84	-25.25	273.02	273.02	185.31	.87
4794.00	20.40	184.10	4758.79	-293.94	-26.82	295.16	295.16	185.21	.47
4853.00	20.90	183.90	4814.00	-314.70	-28.27	315.96	315.96	185.13	.86
4916.00	21.30	184.90	4872.77	-337.31	-30.01	338.64	338.64	185.08	.85
4980.00	21.70	186.40	4932.32	-360.65	-32.32	362.09	362.09	185.12	1.06
5041.00	22.90	186.70	4988.76	-383.64	-34.97	385.23	385.23	185.21	1.98
5103.00	23.30	186.10	5045.79	-407.82	-37.68	409.55	409.55	185.28	.75
5166.00	24.60	185.00	5103.36	-433.27	-40.14	435.13	435.13	185.29	2.18
5230.00	26.30	184.50	5161.15	-460.68	-42.42	462.63	462.63	185.26	2.68
5292.00	26.40	184.30	5216.71	-488.12	-44.53	490.14	490.14	185.21	.22
5355.00	27.20	184.70	5272.94	-516.43	-46.76	518.54	518.54	185.17	1.30
5419.00	28.20	185.10	5329.60	-546.07	-49.30	548.29	548.29	185.16	1.59
5482.00	29.50	185.10	5384.78	-576.35	-52.00	578.69	578.69	185.16	2.06
5545.00	30.70	184.60	5439.29	-607.83	-54.67	610.28	610.29	185.14	1.95
5609.00	32.00	184.50	5493.94	-641.02	-57.31	643.58	643.58	185.11	2.03
5641.00	32.70	184.40	5520.98	-658.09	-58.64	660.70	660.70	185.09	2.19
SINGLE SH				••••••					
5754.00	33.00	184.00	5615.91	-719.23	-63.13	721. <b>99</b>	721.99	185.02	.33
5879.00	33.00	184.00	5720.74	-787.14	-67.88	790.05	790.06	184.93	.00
6001.00	32.75	180.00	5823.21	-853.29	-70.20	856.14	856.17	184.70	1.79
6123.00	32.75	179.00	5925.82	-919.28	-69.62	921.80	921.92	184.33	.44
6247.00	32.75	177.00	6030.11	-986.32	-67.28	988.34	988.61	183.90	.87
6372.00	33.00	174.00	6135.10	-1053.94	-61.95	1055.20	1055.76	183,36	1.32
6496.00	33.00	173.00	6239.10	-1121.04	-54.31	1121.32	1122.35	182.77	.44
	VEYS								
6621.00	33.50	170.00	6343.64	-1188.80	-44.17	1187.88	1189.62	182.13	1.38
6727.00	31.50	170.20	6433.04	-1244.90	-34.37	1242.85	1245.38	181.58	1.89
6820.00	29.80	174.30	6513.05	-1291.85	-27.94	1289.02	1292.15	181.24	2.90
6942.00	<b>28</b> .10	181.20	6619.83	-1350.76	-25.53	1347.46	1351.00	181.08	3.07
7066.00	29.50	187.20	6728.51	-1410.26	-29.97	1407.12	1410.58	181.22	2.59
7191.00	28.60	194.00	6 <b>8</b> 37.82	-1469.84	-41.07	1467.47	1470.42	181.60	2.74
SINGLE SH	<b>IOTS</b>								
7365.00	25.00	198.00	6993.11	-1545.25	-62.51	1544.52	1546.51	182.32	2.31
7491.00	22.00	199.00	7108.65	-1592.90	-78.43	1593.42	1594.83	182.82	2.40
7595.00	20.75	199.00	7205.50	-1628.74	-90.77	1630.23	1631.26	183.19	1.20
7720.00	17.50	200.00	7323.58	-1667.34	-104.41	1669.92	1670.61	183.58	2.61
7814.00	15.50	199.00	7413.71	-1692.50	-113.33	1695.79	1696.29	183.83	2.15
7941.00	13.00	194.00	75 <b>36.7</b> 9	-1722.42	-122.32	1726.39	1726.75	184.06	2.19
8129.00	11.50	195.00	¥7720.51	-1761.04	-132.28	1765.76	1766.00	184.30	.81
8319.00	8.00	199.00	7907.74	-1791.84	-141.49	1797.28	1797.42	184.51	1.88

Page 2 File: C:\SURVEY\RANCH.SVY CRC 7-4

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Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W म्र	Vertical Section FT	CLOS Distance FT	SURE Direction Deg	Dogieg Severity Deg/100
8508.00 8600.00	8.00 8.25	200.00 210.00	8094.90 8185.98	-1816.64 -1828.37	-150.27 -155.76	1822.77 1834.96	1822.84 1834.99	184.73 184.87	.07 1. <b>56</b>
<b>PROJECTE</b> 8650.00	8.25	210.00	8235.46	-1834.58	-159.35	[,] 1841.47	1841.49	184.96	.00
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-4-35 N/1407

Well Name and Number: Old Ranch Canyon 7 Federal #4

Location: Sec. 7, T22S, R24E, Eddy County, NM

Operator: Santa Fe Energy Corporation

# Drilling Contractor: McVay Drilling Company

The undersigned certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

Degrees @ Depth		Degre	es @ Depth	Degrees @ Depth		
Y4	1810	21 ½	4948	33	6621	
Y4	2348	23	5041	29 ½	6820	
3/4	3335	23 1⁄4	5105	29 ¼	7004	
6	3653	26 1/4	5230	29 ½	7128	
6 ¾	3748	27 1/4	5355	28 ½	7191	
10	3939	28 ¾	5450	25	7365	
10 ¾	4034	30 ¾	5545	22	7491	
13	4193	32 ¾	5631	20 ¾	7593	
15 ¼	4384	33	5754	17 ½	7720	
12	4477	33	5879	15 ½	7814	
20	4762	32 3⁄4	6001	8	8319	
21	4853	33	6496	8	8508	
				8 ¼	8600	

Drilling Contractor: McVay Drilling Company By:
Subscribed and sworn to before me this <u>Bth</u> day of <u>June</u> , 2000.
Dira Hemens

My Commission Expires: 8-16-01

Lea County, New Mexico

WELL NAME AND NUMBER Old Ranch Canyon 7 Fed #4 LOCATION T22S, R24E, 1599' FNL, 1248' FWL, Section 7, Eddy County OPERATOR Santa Fe Energy Resources, Inc. DRILLING CONTRACTOR United Drilling, Inc.

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and had conducted deviation tests and obtained the following results:

Degrees @ Depth	Degrees @ Depth	Degrees @ Depth
<u>1/4° @ 512'</u>		
1/2° @ 1015'		
<u>3/4° @ 1512'</u>		
<u></u>		
	•••••	······································

Drilling Contractor United Drilling

100 A.C. By: George Aho Title: Business Manager

My Commission Expires: 9-25-2003 <u>Chaves</u> MM Subscribed and sworn to before me this gth day of ______

	99)		DEP BU	ARTME	TED STATE OF THE I LAND MANA	NTE			<u>}</u>				Ē	FORM A OMB N Appres: No	APPROVED O. 1004-0137 wember 30, 20	, ମ ‱
	WEL		'LETIO	N OR R	ECOMPLET	ION F	REPORT	AND L	OG				5. Lea	se Serial No M81219	0.	
la. Type o b. Type o	of Well D				Dry Other Work Over		en 🖸 Pl	ug Back		Diff. R	lesvr				ttee or Tribe N	lame
			Other										7. Uni	t or CA Ag	greement Nam	e and n
	of Operator on-SFS Or	erating.	Inc.	/									8. Leas	se Name an	nd Well No.	
3. Addre	SS						3.a Phon			rea co	ode)				nyon 7 Fed	lera]
					73102 (W. F		``	5)552-45	95				9. API 30-014	Well No. 5-31151	Sı	
4. Locati	on of Well (	Report loc	ation clea	rly and in a	eccordance with i	Federal	requiremen	ts)*							, or Explorato	ry
At Sur	face 1599'	FNL & I	1248' FV	VL, Uni	t E, Section	7-T22	S-R24E								Upper Penn	
At top	prod. interv	al reported	below 19	16' FSL	& 1380' FWL,	Uni	t K, Sect	tion 7-T2	2S-I	324E		1	<ol> <li>Sec.</li> </ol>	, T., R., M.	., on Block an ^a <u>7-225 - 24</u>	d T
														nty or Paris		
At tota	al depth 184	2' FSL &	: 1407' H	WL, U	nit L, Section	17-T2	2S-R24E						Eddy (	Cnty,	New	Mexi
14. Date S	Spudded		15. Dat	e T.D. Read	ched		16. Date C	ompleted & A	Per	udy to	Prod	1	7. Ele	vations (D	F, RKB, RT,	GL)*
05/01	/2000		06/	01/2000				<u>~</u>	_ 7		-200	0	GL 39	96', DF 4	4014', KB 4	4015'
18. Total	Depth: MD	8650'		19. P	lug Back T.D.:				20. 1	Depth	Bridge	Plug Se		1D		
21. Type (		D 8235' Other Me	chanical I	ogs Run (S		TVD 8 :h)			<u>ا</u> 22. ۱	Was w	ell core	17 171	-		Submit analysi	
Platfor	m Expres	s Three I	Detector	Litho-De	ubmit copy of eac ensity Comper	sated	Neutron/0	GR,	\ \	Nas D	ST run?		No C	- res (S ] Yes (Su	submit analysi ubmit analysis	is) 5)
	thal Later								1	Directi	onal Su	гvey?		X Ye	es (Submit cop	ру)
23. Casing	g and Liner I I	Record(Rep	<u>&gt;ort all str</u>	ings set in	<u>well)</u>		Correct	N*	SL- 7		¢1	V-1				
Hole Size	Size/Grad	e   WL (#	#ft.) 1	op (MD)	Bottom (MD)		e Cementer Depth	No. of Type of			Slurry (BB		Cem	ent Top*	Amouni	Pulled
12 1/4"	9 5/8" J5	5 36	sur	face	1622'			10-Thi	_	1			30' C.	AL		
								450-H1								
8 3/4"	7" K55	26#		face	8648'			+ 765-0 500-M		-+			5300'	CBI		
	, 255	207			0010	<b> </b>		500-141		-+-			5500		+	
24. Tubin Size		Set (MD)	Packer D	epth (MD)	Size	[ Dan+	h Set (MD)	Packar De	mth /	ant		ize	De	oth Set (MI	D) Packer I	Denth (
	80 (26#) (		. acres D	-P.ii (1710)				. uc nci Di	.hai (t			.20				Septii (
AC D I	ing Intervals				L	26.	Perforation	Record							<u>L</u>	
25. Produc				·		<u> </u>			·							
	Formation		1	`op	Bottom	<b> </b>	Perforated 1	nterval			ze		loles		Perf. Status	
A) Uppe	r Penn		1 1	op	Bottom	· · · · · · · · · · · · · · · · · · ·	4-8304'	nterval				208	loles	Produci	ing	
A) Uppe B) Uppe			1		Bottom	· · · · · · · · · · · · · · · · · · ·		nterval				208 44		Produci	ing ing	
A) Uppe B) Uppe C)	r Penn				Bottom	· · · · · · · · · · · · · · · · · · ·	4-8304'	nterval				208 44		Produci	ing	
A) Uppe B) Uppe C) D) 27. Acid, f	er Penn er Penn Fracture, Tre				Bottom	· · · · · · · · · · · · · · · · · · ·	4-8304' 0-8368'					208 44		Produci	ing ing	
A) Uppe B) Uppe C) D) 27. Acid, F	er Penn er Penn Fracture, Tre Depth Interv		ment Sqee	ze, Etc.		832	4-8304' 0-8368' 	nterval nount and	Туре			208 44	EPTI	Produci	ing ing RECCH	
A) Uppe B) Uppe C) D) 27. Acid, F 8074-8	r Penn r Penn Fracture, Tre Depth Interv 8304'		ment Sqee	ze, Etc.	illed 20% HCl	832	4-8304' 0-8368' 		Туре			208 44		Produci	ing ing	
A) Uppe B) Uppe C) D) 27. Acid, F	r Penn r Penn rracture, Tre Depth Interv 8304' 8368'		21,00 27,00	ze, Etc. 10 gals ge 10 gals 20	illed 20% HCl	+ 230	4-8304' 0-8368' 		Туре			208 44 ACC	EPTI	Produci ED FOF	ing ing RECCI 2001	
A) Uppe B) Uppe C) D) 27. Acid, F 8074-8 8320-8 8074-8 8074-8	r Penn Fracture, Tre Depth Interv 8304' 8368' 8368' 8368'	2]	21,00 27,00 Zap-1	ze, Etc. 10 gals ge 10 gals 20 FeSD iron	illed 20% HCl % HCl	+ 230	4-8304' 0-8368' 		Туре			208 44 ACC	EPTI	Produci ED FOF	ing ing RECCI 2001	
A) Uppe B) Uppe C) D) 27. Acid, F 8074-8 8320-8 8074-4 8074-4 8074-4 28. Prost	r Penn r Penn Fracture, Tre Depth Interv 8304' 8368' 8368' 8368' 8368' 8368' 8368'	al val A	21,00 27,00 2ap-1 2000 Test	ze, Etc. 10 gals ge 10 gals 20 7eSD iron gals 15%	illed 20% HCl % HCl n sulfide treatr 6 HCl NeFe	832 + 230	4-8304' 0-8368'  Ar 0 BS	nount and		of Ma	Iterial			Produci ED FOF	ing ing RECCI 2001	
A) Uppe B) Uppe C) D) 27. Acid, F 8074-8 8074-8 8074-8 8074-4 8074-4 8074-4 8074-4 8074-4 8074-4	r Penn r Penn Fracture, Tre Depth Interv 8304' 8368' 8368' 8368' 8368' 8368' 8368' 8368' 8368' 8368'	al val A fours fested	21,00 27,00 Zap-1	2e, Etc. 10 gals ge 10 gals 20 7eSD iron gals 15%	illed 20% HCl % HCl 1 sulfide treatr 6 HCl NeFe Gas W. MCF BE	+ 230 ment	4-8304' 0-8368' 	nount and	Type	of Ma	Iteria)	208 44 ACC	EPTI ALEXI ETRO	Produci ED FOF	ing ing RECCI	
A) Uppe B) Uppe C) D) 27. Acid, F 8074-8 8074-8 8074-8 8074-8 8074-8 8074-8 7-29-00 Choice	r Penn r Penn Fracture, Tre Depth Interv 8304' 8368' 8368' 8368' 8368' 8368' 8368'	al val A Hours Fested 24 Csg.	Test Production 24 Hr.	ze, Etc. 10 gals ge 10 gals 20 15% 13 Oil	illed 20% HCl % HCl 1 sulfide treatr 6 HCl NeFe Gas MCF BE 555 15	832 + 23( nent	4-8304' 0-8368' Ar 0 BS 0 Il Gravi Corr. AP	nount and	Gas Grav	of Ma	Iteria)	208 44 ACC	EPTI ALEXI ETRO	Produci ED FOF	ing ing RECCI	
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20-012-21121	Uld Kanch Lanvon	"/" Federal #4	<u>Uevon-SrS</u> Uperating	. inc.)
30L D				

			капсп	Lanyon	_''/ <u>''</u> _+e	ederal #	4 (Devon-S	ors opera	iting, Inc.)	
28b. Produc				01	0	197-4				
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	W B Speed	EIVED	
28c. Produc	tion - Inter	val D						2001 1111 2	AM 8:51	
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	200 Lille	Production Method	
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status		
29. Dispo	SI	as (Sold u	sed for fuel	, vented, etc	<u> </u>			Producing		
sold				,	······			•		
30. Summ	ary of Porc	us Zones (	include Aqu	ui <b>fers)</b> :				31. Formati	on (Log) Markers	
tests, i	all importa nlcuding d coveries.	nt zones or epth interva	porsity and al tested, cu	contents th shion used,	ereof: Corec time tool op	f intervals and en, flowing ar	I all drill-stem ad shut-in pressures			
Forma	tion	Тор	Bottom		Descri	ptions, Conter	nts, etc.		Name	Top Meas. Depth
Cicso-Ca	nyon	8089	830	3				Glorietta		2239'
								Bone Sprin	g	3021'
								3rd Bone S	pring	6757'
								Wolfcamp		7367'
								Cisco-Can	yon	8089'
								base Cisco	-Canyon	8303'
									:	
32. Additi	onal remark	cs (include	plugging pr	ocedure):				I		
								<del>••</del>		
33. Circle	enclosed at	tachments:	<u></u>							
$\sim$			gs (1 full set	t rea'd.)	2. Ge	ological Repo	ort 3. DST Rep	ort ()D	irectional Survey	
-				ent verificat		re Analysis	~ ·		n Svy Report	•
34. I hereb	y certify th	at the foreg	going and at	tached info	mation is co	mplete and co	prrect as determined	from all availa	ble records (see attached instru	actions)*
Name	(please pri	nı) <u>Canda</u>	ice R. Gr	aham			Title <u>Engine</u>	ering Tech.		
Signat	ure Co	nda	ce f	2L	aho	m	Date <u>07/2</u>	0/2001		
							any person knowin ter within its jurisdic		y to make to any department o	r agency of the United

District I D Box 1980, District II	Hobbs, NM	<b>M 8824</b> 1-198	0	i. Unerg	State o y, Minerals & I	f New M Natural Res		partmer	it j			Form C-104 Revised October 18, 1994 Instructions on back
11 South Firs District III	it, Artesia,	NM 88210		OIL CONSERVATION DIVISION Submit to Appropriate Distric								
000 Rio Braz	os Rd Az	tec. NM 874	10	Santa Fe, NM 87505								
District IV	<b>v</b> s (tui, / ti				Dunte 1		0.000			ĺ	-	AMENDED REPORT
040 South Pa	checo, Sar	ta Fe, NM	87505									
•	REQU	JEST FO	DR ALL	OWAB	LE AND A	UTHO	RIZAT	ION	TO TR	ANSPO	RT	
<b>.</b>		•	tor Name and	i Address	<b>11</b> 7 41					² OGRID Nu		
		ating, Inc. Suite 1500	,		Wally Sr. Operatio	Frank	_ <b> </b>		Beaton	20305 for Filing Co	_	
	• •	OK 73102			-	52-4595				-		(effec 10/1/00)
	Number					Pool Name					_	ool Code
	15-3115	1			Indian Basi			soc.				33685
•	erty Code 16775				OLD RANCH	Property Na					V	Veli Number 4
		ocation			OLD KANCH	CANTON	/ FEDER	<u>AC</u>				<u>7</u> J
I or lot no.		Township	Range	Lot.ldn	Feet from the	North/So	uth Line	Feet f	rom the	East/West L	ine	County
E	7	225	24E		1599'	1	R <u>T</u> H		1248'	WES		EDDY
"Bo	ttom H	ole Loca	tion									
l or lot no.	Section	Township	Range	Lot.Idn	Feet from the	North/So		Feet f	rom the	East/West L		County
L ¹² Lse Code	¹³ Produc	22S	24E	Gae Const	1360' ction Date	T	UTH rmit Numb	<u> </u>	990'	WES Effective Date		C-129 Expiration Date
F	10040	ang meniou i		Cas Could	AUVII LAIC	C-129 Ft		~	0-1471			C-127 Expiration Date
II. Oil a	and Ga	s Transp										
	sporter	T		" Transporte			" POD		2' O/G	2		LSTR Location
OGR	dD	<del> </del>		and Addr	ess					+	and D	escription
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		1								1	F	ECEIVED
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V. Proc		Vater				24				·.		
	* POD					* POD UL	STR Locat	ion and	Description	ם	· ·	-9111945 
. Well	Compl	etion Da	ta									······
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rinted Name:			e R. Grah		X4520	Title:	,	- <u>S717</u> 7	purcos	י אאיבארו	19- <u>9</u> -	
itle: Date:	March 2		Phone:		/235-3611	Approva	Date:	- 74	<del>K 2 7</del>	2001		
4					I name of the pro	evious operati	lor					
	-	Santa Ec				eas opera						
	1 sight	Operator, Si	setute			Printed Nar				Title		Date
	<u>ANX -</u>	y and	$\sim$		Bra	dley A. Fo	oster		Op	erations M	anage	r <u>3/21/01</u>
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BUREAU OF I	) STATES NT OF THE INTERIOR LAND MANAGEMENT	N. M. OII CODE DE STILLER I. ARTESIA, NM 88210-47	FORM APPROVED (1) OMB NO. 1004-0135 Expires: November 30, 2000 5. Lease Serial No.
Do not use this form	S AND REPORTS ON for proposals to drill or to re-en- Form 3160-3 (APD) for such pro	ter an	NN-81219 6. If Indian, Allottee or Tribe Name
	- Other instructions on re	verse side	7. If Unit or CA/Agreement, Name and/or No.
Type of Well     Oil Well     Gas Well     Other		······	8. Well Name and No. Old Ranch Canyon 4
2. Name of Operator Santa Fe Snyder Corp.			"7" Federal 9. API Well No.
31. Address 550 W. Texas, Suite 1330, Midland		Phono No. (include area code) /686-6612	9. AFI Well No. <u>30-015-31151</u> 10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Su Surface: (E), 1350' FNL and 2350 Bottom-hole: (L), 1360' FSL and 9	' FWL, Sec. 7, T-22S	, R-24E	Indian Basin (Upper Penn) 11. County or Parish, State Eddy NM
12. CHECK APPROF	RIATE BOX(ES) TO INDIC	ATE NATURE OF NOTICE, REPOR	T. OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF AGTION	L
Notice of Intent	Acidize	Deepen	tion
X Subsequent Report	Casing Repair	New Construction	ate 5 X Other Ran csg
Final Abandonment Notice	Change Plans Convert to Injection	Plug Back	rily Abandan jsposel G
13. Describe Proposed or Coommpleted Operation (cl If the proposal is to deepen directionally or reco Attach the Bond under which the work will be following completions of the involved operations. testing has been completed. Final Abandoament determined that the final site is ready for final inspec	Notices shall be filed only af	actuding estimated setting date of any p face locations and maining and true ve No. on file with BLNSON? Gramping altiple completion or recompletion in or- thip completion or recompletion in or- the all requirements, including reclamation	proposed work and approximate duration thereof. picto abouts of all pertinent markers and zones. analoguent reports shall be filed within 30 days for interval, a Form 3160-4 shall be filed once on, have been completed, and the operator has
6/01/00: TD hole @ 8650' at 6:15 A.M. loggers. Logging, 1 st log on btm @ 22:30		condition hole for logs. POOH	for logs. MIRU Schlumberger
6/02/00: Log, ran Platform Express. TH	I. Circ & wait on orders.	LD DP & DC's. MIRU csg cr	ew. Begin running 7" csg.
6/03/00: Ran 215 jts of 7" 26# LT&C o w/500 sx Mod "C" 15:61:11 w/.5% FL-2: to 3000# ok. Jet & clean steel pits. Rel r	5, 5% FL-52, 5% salt. Flo ig @ 12noon, 6/03/00. W	oat held. PD @ 04:30 hrs. ND O completion.	BOP. Cut off cse_NIL& test WH
		SGD.) GARY GOURLEY	JUN 6 2000
14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)		Title	
Terry McCullough		Sr. Production C	lerk
- Anna Anna -	t	Date 6/5/00	
	NS SPACE FOR FEDER	AL OR STATE OFFICE USE	
Approved by		Title	Date
Conditions of approval, if any, are attached. Approve certify that the applicant holds legal or equitable title which would entitle the applicant to conduct operations the	to those rights in the subject		
Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Se States any false, fictitious or fraudulent statements or repre-			make to any dopartment of agency of the United

CAugest 1999) DEPARTMENT OF THE INTERIOR N.M. OIL CONS. Division Others and the second secon	Form 3160-5	טיד.	D 874 TES		<del>-</del> .	I FOR	APPROVED -ICF
BURGET WOTTES AND REPORTS ON WELLSAID, NM 88210-283 all 5212     Donotes the form starbor of APD for such reconses     EVENDER Addition of This Name     E Italia, Addition of This Name     E Italia, Addition of This Name     EVENDER     EVENDER     EVENT ADDITION		DEPARTMENT	OF THE INTERIOR			On OMB Expires: I	NO. 1004-0135
Bundanced well (be Form 3100-3 (APD) for such proposals      SUBMIT IN TRIPLICATE - Other Instructions on reverse add (14 ¹⁰ 18 ¹⁰ )      The off Will     Construct V      Autors     Construct V      Constru		SUNDRY NOTICES		MELLS ANA	00010-083		
SUBLIT IN TREPLICATE - Other Instructions on reverse state in the instruction of the					00210-200	6. If Indian, Alle	ottee or Tribe Name
Coil Well       Ges Well       Oder       In the of Operator       In the operator		SUBMIT IN TRIPLICATE -	Other instructions on n	everse side	16 77 84	7. If Unit or CA	Agreement, Name and/or No.
2. Name of Operator V Santa Fe Styler Corp. 3. Addess 550 M. Texas, Suite 1330, Midland, TX 79701 915/695-6612 4. Location of Well (Poorga Gen. 7. #. M. polycycy Description) Surface: (C), 1537 F. M. and 0590' FML 50 U. Texas, Suite 1330, Midland, TX 79701 915/695-6612 4. Location of Well (Poorga Gen. 7. #. M. polycycy Description) Surface: (C), 1537 F. M. and 0590' FML 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE. REPORT. OR OTHER DATA TYPE OF SUBMISSION 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE. REPORT. OR OTHER DATA TYPE OF SUBMISSION 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE. REPORT. OR OTHER DATA TYPE OF SUBMISSION 13. Description and comparison of the second state of the second stat	Oil Well	Gas Well Other			<b>x</b>		-
3a. Address       3b. Proprie No. (proceeding of end	•	· Corp.		- 905°C		"7" Federal	
4. Location of Wall (Process give . T. R. M. In progray Description)         Surface: (E), 1939 FNL and Save FNL. Sec. 7, T-22S, R-24E         Indian Basin (Upper Perm)         12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE. REPORT, OR OTHER DATA         TYPE OF SUBMISSION         12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE. REPORT, OR OTHER DATA         TYPE OF SUBMISSION         13. Docume or hands, Save         14. Subsequent Report         15. Subsequent Report         15. Subsequent Report         16. Compare SubMission         17. The of Commutation Records of the subsection of SurVikanues)         18. Subsequent Report         19. Train Abased Commutation Records of the subsection of SurVikanues)         10. Compare Subsection (SurVikanues)         11. Docume Permission         12. Subsequent Report         13. Docume to Report of Commetion of Commutation of the subsection and maximum and success of documents of the subsection of the subsection and maximum and success of documents of the subsection of the subsection and maximum and success of documents of the subsection and maximum and success of documents of the subsection of the subs		uite 1330. Midland.			grea code)	30-015-31	151
Surface: (E), (1360* FNL and 2552* FNL, Sec. 7, T-22S, R-24E       Inclian Basin (Upper Penn)         Bottom-hole: (L), 1360* FSL and 990* FML       IL course or Parish, Sue         12.       CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE. REPORT, OR OTHER DATA         TYPE OF SUBMISSION       TYPE OF ACTION         Image Parish       Aridia         Image Parish       Ari				· · · · · · · · · · · · · · · · · · ·	- 18°	To. Thou and Po	or, or Exploratory Fride
12.       CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE. REPORT, OR OTHER DATA         TYPE OF SUBMISSION         Image: Subsequent Report       Image: Subsequent       Image: Subsequent Report </td <td>Surface: (E),</td> <td>1350" FNL and 4350"</td> <td>WL, Sec. 7, T-22</td> <td>5, R-24E - 18 y</td> <td></td> <td>11. County or P</td> <td>arish, State</td>	Surface: (E),	1350" FNL and 4350"	WL, Sec. 7, T-22	5, R-24E - 18 y		11. County or P	arish, State
Image: Second	1:	2. CHECK APPROPRIA	ATE BOX(ES) TO INDI	CATE NATURE OF N	OTICE, REPORT		
Image: Subsequent Report       Image: Subseque	TYPE OF	SUBMISSION		TY	PE OF ACTION		
X Subsequent Report       Crising Repair       New Construction       Recomplete       X Other Spud and Set         Image Plans       Plug and Abandon       Temportally Abandon       Casing         Image Plans       Plug and Abandon       Temportally Abandon       Casing         Image Plans       Plug and Abandon       Temportally Abandon       Casing         Image Plans       Plug Back       Water Disposal       Casing Back         Image Plans       Plug Back       Water Disposal       Casing Back         Image Plans       Plug Back       Water Disposal       Casing Back         Image Plans       Plug Back       Water Disposal       Casing Mack Disposal         Image Plans       Plug Dispose       Plug Dispose       Plug Dispose       Plug Dispose         Image Plans       Plug Dispose       Plug Dispose       Plug Dispose       Plug Dispose <td< td=""><td>Notice of</td><td>of Intent</td><td>Acidize</td><td>Despen</td><td>Production</td><td>n (Start/Resume)</td><td>Water Shut-Off</td></td<>	Notice of	of Intent	Acidize	Despen	Production	n (Start/Resume)	Water Shut-Off
Image Plans       Change Plans       Plag and Abandoon       Temportrilly Abandon       CaSing         13       Describe Proposed or Commembered Operations (datafy state all pertinent details, including estimated statution where Obiposal       Water Disposal       Plag and Abandoon         13       The browned or Commembered Operations (datafy state all pertinent details, including estimated statution where the addition of any proposited work and perposition the data of any perposited work and perposition the data of a perposition the data of any perposition the data of any perposition of all periposition the data of any perposition of all periposition the data of any perposition terms in a multiple completion or recently behavious perposition terms in a multiple completion or perposition terms in a multiple completion of the perposition terms in a multiple completion of the data of any perposition terms in a multiple completion of the data of any perposition terms in a multiple completion.         5/06/00:       TD 12-1/4"	X Subsequ	tent Report		H		r r	
13.       Describe Proposed or Commplete Operation (clearly tab all pertinent details, including estimated starting data of any proposed work and approximate duration thereof. Attack the Bond under within the work will be performed or provide the Bond No. on the with ELMYBLA. Required absequire absequired	Final A	bandonment Notice	Change Plans		Temporari	ily Abandon	
drilling cmt, float, and formation.         14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Terry McCullough       Title         Sr. Production Clerk         Date       May 12, 2000         THIS SPACE FOR FEDERAL OR STATE OFFICE USE         Approved by       Title         Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lesse	following completion testing has been co determined that the fit 5/01/00: Spu 5/06/00: TD RU Halliburto CaCl. Plug c and tag at 54 5/07/00: Tag plug. Tag @ 5/08/00: MIF 5/09/00: Pre	a of the involved operations. If impleted. Final Abandonment Nonal site is ready for final inspection. Id 12-1/4" hole at 1615 12-1/4" hole at 1615 an and cemented with down @ 2:00 p.m., cmt 10'. Cement w/35 sx 1 g plug @ 540'. RIH w 406'. Pump 300 sx c RU McVay Rig #8. eparing to drill.	the operation results in a n fices shall be filed only a 00 p.m. Drlg ahe '. RU csg crew a 10 sx THIXset and did not circ. W Cl C + 3% CaCl. 1 / 1" pipe and set mt and bring ceme	witiple completion or re for all requirements, in ad. d 450 sx Hallibu DC. Run temp su WOC. two 50 sx plug nt within 30' o	completion in a ne cluding reclamation 9-5/8" casin urton Lite. urvey and fo s at 540'. f surface.	w interval, a Form , have been comp ng set at 162 Tail w/ 200 und TOC @ 95 Tag plug @ 4 Released rig	13160-4 shell be filed once leted, and the operator has 22', FC @ 1589'. 1 sx Cl C + 3% 51'. PU 1" tbg 265'. Set 130 sx 1.
Name (Printed/Typed) Terry McCullough       Sr. Production Clerk         Sympth Cullough       Date         May 12, 2000         THIS SPACE FOR FEDERAL OR STATE OFFICE USE         Approved by       Title         Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease       Office         Office       Office	drilling cmt.	float, and formatio					w/ dria. Kesume
THIS SPACE FOR FEDERAL OR STATE OFFICE USE         Approved by       Title       OPIG. SGD.) DAVID R. GLASS         Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease       Office	Name (Printed/Typed)	ullough			roduction Cl	er <u>k</u>	
Approved by Title OPIG. SGD.) DAVID R. GLASS Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease Office		4 Mc Callengh		Date May 12,	2000		
Conditions of approval, if any, are strached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease Office			SPACE FOR FEDER		FICE USE		
which would entitle the applicant to conduct operations thereon.	Conditions of approval, if certify that the applicant	holds legal or equitable title to				DR.GLASS	ì

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and willfully to make to any department or sgency of the United Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly. States any false, fictilious or fraudulent statements or representations as to any matter within its jurisdiction. ____ -----

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UNITED STATES       Prefet alds)       Prefet alds)       Department of the INTERIOR         BUREAU OF LAND MANAGEMENT       APPLICATION FOR PERMIT TO DRILL OR DEEPEN       5. Listed semications and server         A TRO OF WELL MO       DEPART MENT OD DRILL OR DEEPEN       5. WINGEL ALLOW TO STREE RAKE         A TRO OF WELL MO       DEPEN       5. WINGEL ALLOW TO STREE RAKE         A TRO OF WELL MO       DEEPEN       5. WINGEL ALLOW TO STREE RAKE         A TRO OF WELL MO       DEEPEN       5. WINGEL ALLOW TO STREE RAKE         A Senta Peo Sayder Corp.       MAD       Santa Peo Sayder Corp.       MAD         Solver Townson WELL (MORTH Food Man Barcerdason WILL as Permitting Market ALLOW TO STREE RAKE       10. WINGEL ALLOW TO REAL AND TRAKET TOWN ON FORTH FOOD REAL AND TRAKET TOWN OF TRAKET AND TRAKET TOWN ON FORTH FOOD REAL AND TRAKET TOWN ON FORTH FOOD REAL AND TRAKET TOWN OF TRAKET AND TRAKET AND TRAKET AND TRAKET AND TRAKET AND TRA	Fo.m 3) 5-3	•	- <b>4 &amp; E</b>	(CRA)		IN TRIE ATE	FORM AFFROVED
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		n h2. Nh			034567	8910	
SSD W. Trave. Subin 1320: Medland Trave 79201. (5) 5622-637.       Interview of the foreign of the fo	ADDRESS AND TELEPHONE NO.		· · · · · · · · · · · · · · · · · · ·	/	/	4 72	30-015-31151
Line status       Line Diffection From Attacker rows of From Orfice       12. COUNT OF JANUART 13. FAJE         16 3/4 miles west of Carlsbad, New Mexico       16. No. or Artiss in Miles       12. COUNT OF JANUART 13. FAJE         16 3/4 miles west of Carlsbad, New Mexico       16. No. or Artiss in Miles       12. COUNT OF JANUART 13. FAJE         20. Betting From From From Carlsbar       990°       16. No. or Artiss in Miles       12. COUNT OF JANUART 13. FAJE         20. Betting From From From Carlsbar       990°       10. No. or Artiss in Miles       220         20. Betting From From From Carlsbar       220       20. April 1. 2000       20. April 1. 2007         10. FROM From From From From From From From From	(B) 1599' FNL &	teport location clearly and 1248' FWL	79701 (915)6 In accordance wit	and the second	e requirementer OCD ADT	1314151	10. FIELD AND FOOL, OR WILDCAT Indian Basin (Upper Penn)
Line status       Line Diffection From Attacker rows of From Orfice       12. COUNT OF JANUART 13. FAJE         16 3/4 miles west of Carlsbad, New Mexico       16. No. or Artiss in Miles       12. COUNT OF JANUART 13. FAJE         16 3/4 miles west of Carlsbad, New Mexico       16. No. or Artiss in Miles       12. COUNT OF JANUART 13. FAJE         20. Betting From From From Carlsbar       990°       16. No. or Artiss in Miles       12. COUNT OF JANUART 13. FAJE         20. Betting From From From Carlsbar       990°       10. No. or Artiss in Miles       220         20. Betting From From From Carlsbar       220       20. April 1. 2000       20. April 1. 2007         10. FROM From From From From From From From From				15	· · · · · · · · · · · · · · · · · · ·	SIA N	Sec. 7, T-22-S, R-24-B
Proprior of LEAR (THR, FC, 1990)       900       640       200       200         In the NEW Street of the set line, if any 1       900       10. PROPOSED DEFTH       200       200       Advance of the set land, if any 1       200         In the NEW Street of the set line, if any 1       2146       10. PROPOSED DEFTH       200       Advance of the set land, if any 1       200       Advance of the set land, if any 1       200       Advance of the set land, if any 1       200       Advance of the set land, if any 1       200       Advance of the set land, if any 1       200       Advance of the set land, if any 1       200       Advance of the set land, if any 1       200       Advance of the set land, if any 1       200       Advance of the set land, if any 1       200       Advance of the set land, if any 1       200       Advance of the set land, if any 1       200       Advance of the set land, if any 1       200       Advance of the set land, if any 1       200       Advance of the set land, if any 1       200       Advance of the set land, if any 1       200       Advance of the set land, if any 1       200       Advance of the set land, if any 1       200       Advance of the set land, if any 1       Adva	4. DISTANCE IN MILES	AND DIRECTION FROM NEA		T OFFICE	e Se		12. COUNTY OR PARISI 13. STATE
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10       REALET WILL BULLING, COMPLETER, constructions, continue tasks, Fr.       2346       8500' TVD       Rokery         1:       REALET WILL BULLING, COMPLETER, 3996' GR       21. AFREC, LATER WORK WILL BULLET April 1, 2000       22. AFREC, LATER WORK WILL BULLET April 1, 2000         I::       ROPOSED CASING AND CEMENTING DATIS April 1, 2000       COMPTTY OF CONTINUE ON ATTER MASK April 1, 2000         I::       ROPOSED CASING AND CEMENTING DATIS OUTPOINTY OF CONTINUE ON ATTER MASK April 1, 2000       COMPTTY OF CONTINUE ON ATTER MASK April 1, 2000         I::       ROPOSED CASING AND CEMENTING DATIS OUTPOINTY OF CONTINUE ON ATTER MASK April 1, 2000       COMPTTY OF CONTINUE ON ATTER MASK April 1, 2000         I::       RUE, SST, Y::       264       8500'       400 er TOC @ 6000         I::       I::       OUTPOINTY OF CONTINUE OF	LOCATION TO NEARER PROPERTY OR LEASE I (Also to mearest dr)	T LINE, FT. g. unit line, if Any)	990'		640	10 11	118 WELL 320
I. HERVERHONS (Show which BEP, RT. GR. etc.)       22. APPROX, DATE WORK WILL STATT         3996' GR       PROPOSED CASING AND CEMPTON CONTROL STATISTIC ALL STATIST OF CALLED WATCH RASIN         straid of an on state costs       weight rearor         12 3/4"       K-55 9 5/8"         34"       K-55 9 5/8"         34"       K-55 7"         260       8500"         400 at TOC @ 6000"         We propose to drill to a depth sufficient to test the Cisco/Canyon formation for cil. If         productive, 7" casing will be run to TD. if non-productive, the well will be plugged and         an dameer consistent with Pederal Regulations. Specific programs as per Onshore Oil         Bribbit B - Operations Plan         Bribbit B - DOP and Choke Schematic         Bribbit B - DOP and Choke Schematic         Bribbit B - Topo Map at Location         Bribbit B - Topo Map at Location         Santa Fe Snyder Corp. accepts all applicable terms, conditions, stipulations and restrictions concepter program is portal more backing are therefore and meaner and mean	TO FEAREST WELL, D	RILLING. COMPLETED.	2346	19. <b>Г</b> КОРО		20. ROTAL	
PROPOSED CASING AND CEMARAN SPACE OF BOARD THE PALLED WATTER PASH         STATE OF BUT IN OUT THE OFFICE OF BUT IN OUT TO COMPT OF CHART O	I. ELEVATIONS (Show wh			<u> </u>		I	22. APPROX. DATE WORK WILL START*
III OF ROLE       OWARD REPORTIONS       WEIGHT PER FOOT       SETTING DEFTIL       OULANTIFY OF CENERS         IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII		•	PROPOSED CASI	NG AND CI		MARMAR MM	
12 3/4*       K-55       9 5/8*       36///2       1600*//2       775 at to circulate         8 3/4*       K-55       7*       26///2       8500*//2       400 at TOC @ 6600*//2         We propose to drill to a depth sufficient to test the Cisco/Canyon formation for oil. If productive, 7* casing will be nu to TD. if non-productive, the well will be plugged and in a manner consistent with Federal Regulations. Specific programs as per Onshore Oil and Gas Order No. 1 are outlined in the following attachments:       N S&A.S.         Drilling Program       Exhibit A - Operations Plan       Exhibit F - Plat Showing Existing Wells         Exhibit B - DOP and Choke Schematic       Exhibit F - Open and Choke Schematic       Exhibit F - Plat Showing Existing Wells         Exhibit B - Dop and Choke Schematic       Exhibit B - Topo Map at Location       Exhibit G - Well Site Layout         Santa Fe Snyder Corp. accepts all applicable terms, conditions, stipulations and restrictions concerning operations conducted on the leased land or portion thereof, as       APPROVAL SUBJECT 10         Bond Coverage: Blanket Bond       BLM Bond File No.: UT-0855 SECIAL SUBJECT 10         Baserard Meller       Meller       Meller         Meller       Meller       Agent for Santa Fe Snyder Corp.       Date 3.Fe.Od         BLM Bond File No.: UT-0855 SECIAL SUBJECT 10       Exhibit an abstracts classion and measured and two vertical depts. Give bloway preventer program, if any.         ascrard	SIZE OF BOLE	GRADE SZE OF CASING				START CHARAGE	STATES AND I CA WAS DID
8 3/4*       K-55       7*       264       8500*       400 sx TOC @ 6000*         We propose to drill to a depth sufficient to test the Cisco/Canyon formation for oil. If productive, 7* casing will be run to TD. if non-productive, the well will be plugged and in a manner consistent with Federal Regulations. Specific programs as per Onshore Oil and Gas Order No. 1 are outlined in the following attachments:       N SKAC         Drilling Program       Exhibit A - Operations Plan       Exhibit F - Plat Showing Existing Wells       Exhibit F - Operations Plan         Babibit B - OOP and Choles Schematic       Exhibit F - Operations Plan       Exhibit F (A) - Plat of Location         Babibit D - Auxiliary Equipment       Buthibit G - Well Site Layout       Surface Use and Operations Plan         Babibit B - Topo Map at Location       H2S Drilling Operations operations conducted on the leased land or portion thereof, as       APPROVAL SUBJECT 10         Santa Fo Snyder Corp. accepts all applicable terms, conditions, stipulations and restrictions concerning operations conducted on the leased land or portion thereof, as       APPROVAL SUBJECT 10         Bond Coverage: Blanket Bond       BLM Bond File No.: UT-0855 SPECIAL SUBJECT 10         ABOVE SFACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed MTACHEL zone. If proposal is to deepen, give data on present productive zone and proposed MTACHEL zone. If proposal is to deepen, give data on present productive zone and proposed MTACHEL zone. If proposal is to deepen, give data on present productive zone and proposed MTACHE		I		1 TQC	SETTING DEPTY	1 I	OUANTITY OF CEMENT
productive, 7° casing will be run to TD. if non-productive, the well will be plugged and in a manner consistent with Federal Regulations. Specific programs as per Onshore Oil and Gas Order No. 1 are outlined in the following attachments:       Notify OCD at SPUD & T to witness compenting the 	12 3/4"	K-55 9 5/8*					
Agent for Santa Fe Snyder Corp. DATE 3-2-00 (This space for Federal or State office use)  PERMIT SOAPPROVAL DATEAPPROVAL DATEAPPROVAL DATEAPPROVAL DATEASSISTANT Field Manager,APR 17 2000  (DRIG. SED.) AND TA UNEZ A LOPEZ APPROVAL MANA AND Minerals APR 17 2000	8 3/4*	<u>K-55</u> 7*	26		1600' 8500'	775 sx 400 sx	to circulate
SIG XED       Indication and the second	8 3/4" We propose to drill productive, 7" casin in a manner consist and Gas Order No. Drilling Program Exhibit A - Oper Exhibit A - Oper Exhibit B - BOP Exhibit C - Drill Exhibit D - Auxi Exhibit E - Topo Santa Fe Snyder C restrictions concern described above. Bond Coverage: B ABOVE SPACE DESCRIBE	K-55 7° I to a depth sufficient to ng will be run to TD. if tent with Federal Regula . 1 are outlined in the fol rations Plan and Choke Schematic ing Fluid Program liary Equipment Map at Location orp. accepts all applicab- ning operations conducted Banket Bond EPROPOSED PROGRAM: If	test the Cisco/Ca non-productive, r ations. Specific p llowing attachmer lle terms, condition ad on the leased la	nyon form the well w rograms ar nts: ms, stipula and or port B sive data on p	1600' 8500' ation for oil. I ill be plugged a s per Onshore of tions and ion thereof, as LM Bond File	775 sx 400 sx 400 sx If and Oil Exhibit F - Pla Exhibit F (A) Exhibit G - W Surface Use as H2S Drilling No.: UT-0855 zone and proposed	to circulate TOC @ 6000' SA SA SA SA SA SA SA SA SA SA S S S S Casing at Showing Existing Wells - Plat of Location ell Site Layout nd Operations Plan Operations
APPROVAL DATE	8 3/4° We propose to drill productive, 7° casin in a manner consist and Gas Order No. Drilling Program Exhibit A - Oper Exhibit B - BOP Exhibit B - BOP Exhibit C - Drill Exhibit D - Auxi Exhibit B - Topo Santa Fe Snyder C restrictions concern described above. Bond Coverage: B ABOVE SPACE DESCRIBE pen directionally, give petit	K-55 7° I to a depth sufficient to ng will be run to TD. if tent with Federal Regula . 1 are outlined in the fol rations Plan and Choke Schematic ing Fluid Program liary Equipment Map at Location orp. accepts all applicab- ning operations conducted Banket Bond EPROPOSED PROGRAM: If	test the Cisco/Ca non-productive, r ations. Specific p llowing attachmer lle terms, condition ad on the leased la	nyon form the well w rograms ar nts: ms, stipula and or port B sive data on p	1600' 8500' ation for oil. I ill be plugged a s per Onshore of tions and ion thereof, as LM Bond File	775 sx 400 sx 400 sx If and Oil Exhibit F - Pla Exhibit F (A) Exhibit G - W Surface Use as H2S Drilling No.: UT-0855 zone and proposed	to circulate TOC @ 6000' SA SA SA SA SA SA SA SA SA SA S S S S Casing at Showing Existing Wells - Plat of Location ell Site Layout nd Operations Plan Operations
Application approval does not warrant or certify that the applicant holds legal or equilable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. COMPTIONS OF AFFROVAL, IF ANY: Assistant Field Manager, Lands And Minerals APR 17 2000	8 3/4° We propose to drill productive, 7" casin in a manner consist and Gas Order No. Drilling Program Exhibit A - Oper Exhibit A - Oper Exhibit B - BOP Exhibit C - Drill Exhibit D - Auxi Exhibit B - Topo Santa Fe Snyder C restrictions concern described above. Bond Coverage: B ABOVE SPACE DESCRIBE pen directionally, give petit	K-55 7° I to a depth sufficient to ng will be run to TD. if tent with Federal Regula . 1 are outlined in the fol rations Plan and Choke Schematic ing Fluid Program liary Equipment Map at Location orp. accepts all applicab- ning operations conducted Banket Bond EPROPOSED PROGRAM: If	test the Cisco/Ca non-productive, r ations. Specific p llowing attachmer lle terms, condition ad on the leased la	nyon form the well we rograms an nts: ans, stipula and or port B tive data on p se vertical dep	1600' 8500' ation for oil. I ill be plugged a per Onshore of tions and ion thereof, as LM Bond File wesent productive sthat. Give blowout	775 sx 400 sx 400 sx If and Oil Exhibit F - Pla Exhibit F (A) Exhibit G - W Surface Use at H2S Drilling No.: UT-0855 zone and proposed i preventer program, it	to circulate TOC @ 6000' SA- SA- Notify OCD at SPUD & to witness cementing the 75/8 Casing at Showing Existing Wells - Plat of Location ell Site Layout nd Operations Plan Operations Plan Operations Plan Operations Plan SPECIAL SUBJECT IO GENERAL REQUIREMENTS AND SPECIAL SUBJECT IO SPECIAL SUBJECT IO ATTACHED zone. If proposal is to drill or (any.
Application approval does not warrant or certify that the applicant holds legal or equilable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. COMPTIONS OF AFFROVAL, IF ANY: Assistant Field Manager, Lands And Minerals APR 17 2000	8 3/4" We propose to drill productive, 7" casin in a manner consist and Gas Order No. Drilling Program Exhibit A - Oper Exhibit A - Oper Exhibit B - BOP Exhibit C - Drill Exhibit D - Auxi Exhibit E - Topo Santa Fe Snyder C restrictions concern described above. Bond Coverage: B ABOVE SPACE DESCRIBE pen directionally, give pertir	K-55 7° I to a depth sufficient to ng will be run to TD. if tent with Federal Reguls . 1 are outlined in the for rations Plan and Choke Schematic ing Fluid Program liary Equipment Map at Location orp. accepts all applicab ning operations conducted Banket Bond EPROPOSED PROGRAM: If prest data on subsurface location I C. J. U. J.	test the Cisco/Ca non-productive, r ations. Specific p llowing attachmer lle terms, condition ad on the leased la	nyon form the well we rograms an nts: ans, stipula and or port B tive data on p se vertical dep	1600' 8500' ation for oil. I ill be plugged a per Onshore of tions and ion thereof, as LM Bond File wesent productive sthat. Give blowout	775 sx 400 sx 400 sx If and Oil Exhibit F - Pla Exhibit F (A) Exhibit G - W Surface Use at H2S Drilling No.: UT-0855 zone and proposed i preventer program, it	to circulate TOC @ 6000' SA- SA- Notify OCD at SPUD & to witness cementing the 75/8 Casing at Showing Existing Wells - Plat of Location ell Site Layout nd Operations Plan Operations Plan Operations Plan Operations Plan SPECIAL SUBJECT IO GENERAL REQUIREMENTS AND SPECIAL SUBJECT IO SPECIAL SUBJECT IO ATTACHED zone. If proposal is to drill or (any.
(DRIG. SED.) AND A LOPEZ ASSISTANT Field Manager, APR 1 7 2000	8 3/4" We propose to drill productive, 7" casin in a manner consist and Gas Order No. Drilling Program Exhibit A - Oper Exhibit A - Oper Exhibit B - BOP Exhibit C - Drill Exhibit D - Auxi Exhibit D - Auxi Exhibit E - Topo Santa Fe Snyder C restrictions concern described above. Bond Coverage: B ABOVE SPACE DESCRIBE pen directionally, give pertir successor AMLC	K-55 7° I to a depth sufficient to ng will be run to TD. if tent with Federal Reguls . 1 are outlined in the for rations Plan and Choke Schematic ing Fluid Program liary Equipment Map at Location orp. accepts all applicab ning operations conducted Banket Bond EPROPOSED PROGRAM: If prest data on subsurface location I C. J. U. J.	test the Cisco/Ca non-productive, r ations. Specific p llowing attachmer lle terms, condition ad on the leased la	nyon form the well wirrograms are nts: ans, stipula and or porti Bive data on p se vertical dep .sA	1600' 8500' ation for oil. I ill be plugged a per Onshore of tions and ion thereof, as LM Bond File resent productive this. Give blowout gent for Santa	775 sx 400 sx 400 sx If and Oil Exhibit F - Pla Exhibit F (A) Exhibit G - W Surface Use at H2S Drilling No.: UT-0855 zone and proposed i preventer program, it	to circulate TOC @ 6000' SA- SA- Notify OCD at SPUD & to witness cementing the 75/8 Casing at Showing Existing Wells - Plat of Location ell Site Layout nd Operations Plan Operations Plan Operations Plan Operations Plan SPECIAL SUBJECT IO GENERAL REQUIREMENTS AND SPECIAL SUBJECT IO SPECIAL SUBJECT IO ATTACHED zone. If proposal is to drill or (any.
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	8 3/4" We propose to drill productive, 7" casin in a manner consist and Gas Order No. Drilling Program Exhibit A - Oper Exhibit A - Oper Exhibit B - BOP Exhibit C - Drill Exhibit D - Auxi Exhibit D - Auxi Exhibit E - Topo Santa Fe Snyder C restrictions concern described above. Bond Coverage: B ABOVE SPACE DESCRIBE pen directionally, give pertir SHE XED (This space for Feder PEAMIT XO. Application approval does a comprises of APPROVAL,	K-55 7" I to a depth sufficient to ng will be run to TD. if tent with Federal Reguls 1 are outlined in the for- rations Plan and Choke Schematic ing Fluid Program iliary Equipment Map at Location orp. accepts all applicab ning operations conducted tanket Bond EPROPOSED PROGRAM: If prent data on subsurface location I C L U L C C C C C C C C C C C C C C C C	test the Cisco/Ca non-productive, t ations. Specific p llowing attachmer llowing attachmer ble terms, condition and on the leased la proposal is to deepen, g as and measured and true theant holds legal or equi	myon form the well wirrograms are nors, stipula and or porti Bive data on p se vertical dep 	1600' 8500' ation for oil. 1 ill be plugged a s per Onshore of ion thereof, as LM Bond File resent productive this. Give blowout gent for Santa	775 sx 400 sx 400 sx If and Oil Exhibit F - Pla Exhibit F (A) Exhibit G - W Surface Use an H2S Drilling No.: UT-0855 zone and proposed i preventer program, ii Fe Snyder Corp	to circulate TOC @ 6000' SA SA Notify OCD at SPUD & to witness cementing the Casing at Showing Existing Wells - Plat of Location ell Site Layout nd Operations Plan Operations Plan Operations Plan Operations Plan Operations Plan SPECIAL SUBJECT IO GENERAL REQUIREMENTS AND SPECIAL SUBJECT IO GENERAL REQUIREMENTS AND SPECIAL SUBJECT IO DATE 3-2-00 ald entitle the applicant to conduct operations thereon.

This 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

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DISTRICT L P. O. Drawer DD Artesia, NM 88211-0719

DISTRICT III 1000 Rio Brazos Rd. Aztec, NM 87410

DISTRICT IV P. O. Box 2088 Sonta Fe, NM 87507-2088 WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number			² Pool Code		3 Poo	l Name						
							Ind	ian Basin	(ប	pper Penn)	1	
+ Property Con	le	* Property N	4/30							<u></u>	• Vell Number	
			מרש	RANO	CH CAI	NYON	171	FEDERAL			4	
OGRID No.		• Operator N									. Elevation	
				ITA F	E SNY	DER	CORF	PORATION			3996	r.
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				* SUR	FACE	LOCA	TION	ſ				
UL or lot no.	Section	Township	Range		Lot Ide	Feet fr	om the	North/South	line	Feet from the	Bast/West Line	County
E	7	22 SOUTH	24 EAST, N.I	4.P.M.		15	88,	NORTH		1248'	WEST	EDDY
	المرجب مرجب										L	<b>_</b>
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UL or lot no.	Section	Township	Range		Lot ida	Feet fr	rom the	North/South	line	Feet from the	Bast/Vest line	County
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Instructions on back

Submit to the Appropriate District Office State Lease — 4 copies Fee Lease — 3 copies t

AMENDED REPORT

F y, Minerals, and Natural Resources

OIL CONSERVATION DIVISION

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

artment

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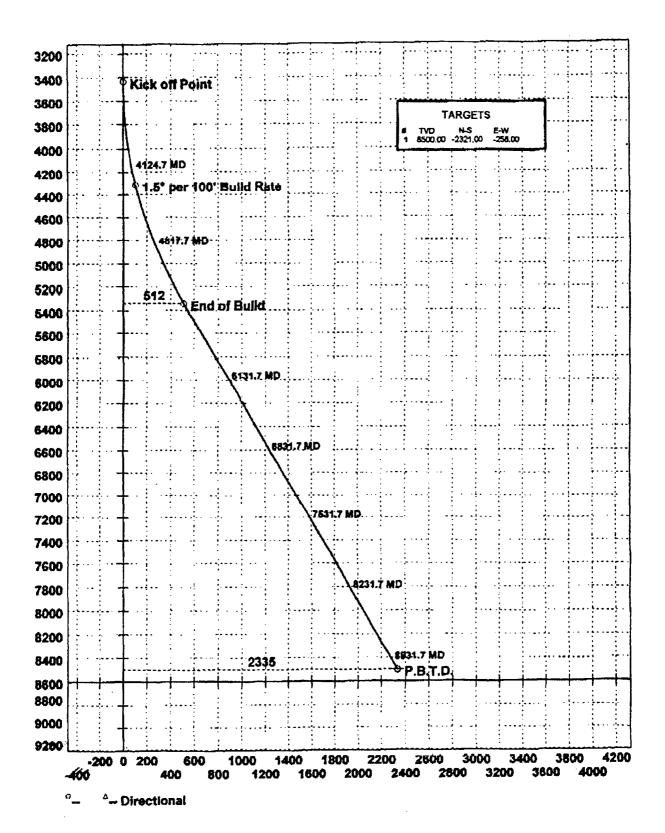
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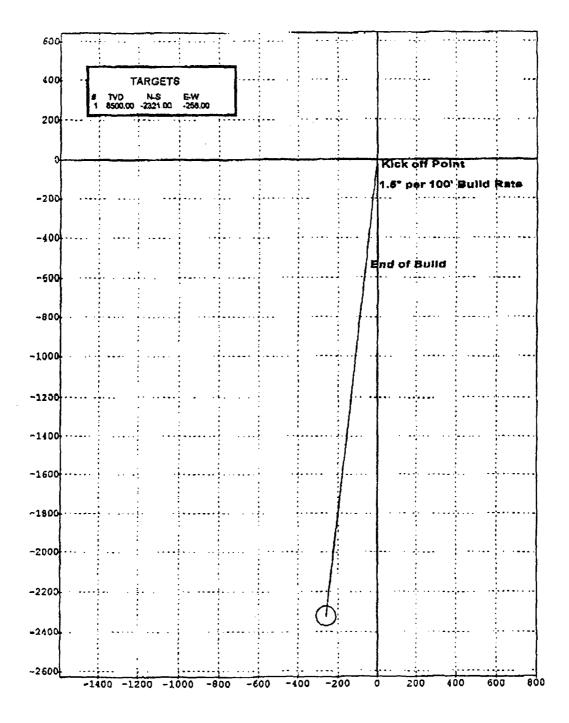
D A RUDGERS

Company: Santa Fe / Snyder Lease/Well: OldRanch Canyon 7 #4 Location: Eddy Co. State/Country: New Mexico Declination: 9.8° East





Company: Santa Fe / Snyder Lease/Well: OldRanch Canyon 7 #4 Location: Eddy Co. State/Country: New Mexico Declination: 9.8° East



- Directional

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Job Number: Sec. 7 T225 R24E Company: Banta Fo / Snyder LesseWell: OldRanch Canyon 7 #4 Location: Eddy Co. Rig Name: RKB: G.L. or M.S.L.;

State/Country: New Residue Declination: 9.8* East Grid: True File name: C:\WINSERVEISANTAF~1\OLDRAN4.8VY Data/Time: 16-Feb-00 / 14:14 **Curve Name: Directional** 

### Daily International Inc. Midland, Texas

WINSERVE SURVEY CALCULATIONS Minimum Curvature Method Vertical Section Plane 186.34 Vertical Section Referenced to Wellhead Rectangular Coordinates Referenced to Wellhead

	Monsured	Incl	Drift	Τινο			Vertical	CLO	SURE	Dogleg	
	Depth FT	Angle Deg	Direction Deg	Vertical Depth	N-S FT	E-W FT	Section FT	Distance FT	Direction Deg	Severity Deg/100	
											รา
	Kick off P	oint									
	3431.66	.00	188.34	3431.66	.00	.00	.00	.00	.00	.00	
	3530.66	1.49	186.34	3530.65	-1.28	14	1.28	1.28	186.34	1.50	
	3629.66	2.97	186.34	3629.57	-5.10	57	5.13	5.13	186.34	1.50	
	3728.66	4.46	186.34	3728.36	-11 47	-1.27	11.54	11.54	186.34	1.50	
	3827.88	5.94	188.34	3826.95	-20.38	-2.27	20.51	20.51	186 34	1.50	
	3926.66	7.43	186.34	3925.27	-31.83	-3.54	32.03	32.03	186.34	1.50	
	4025.66	8.91	186.34	4023.27	-45.81	-5.09	46.09	46.09	186.34	1.50	
	4124.66	10.40	186.34	4120.86	-62.31	-6.93	62.69	62.69	188.34	1.50	
-	4223.86	<u>11.88</u>	186.34	4218.00	<u>-81.31</u>	-9.04	81.81	81.81	188.34	<u>1.50</u>	-
:	1.6" per 1	00° Bulid i	Rais								
ł	4322.66	13.37	186.34	4314.60	-102.82	-11.43	103.45	103.45	188.34	1.50	
-	4421.66	14.85	188.34	4410.81	-126.80	-14.09	127.68	127.58	186.34	1.50	
	4520.66	18.34	188.34	4505.97	-153.24	-17.03	154.19	154.19	186.34	1.50	
	4619.66	17.82	186.34	4600.60	-182.14	-20.25	183.28	183.26	186.34	1.50	
•	4718.66	19.31	188.34	4694.45	-213.48	-23.73	214.77	214.77	186.34	1 50	
	4817.66	00.70	488.54	4707 44	04740	-27.48	248.71	248.71	186.34	1.50	
		20.79	186.34	4787.44	-247.19			246.71	186.34	1.50	
	4918.88	22.28	186.34	4879.53	-283.30	-31.49	285.05 323.75	323.75	186.34	1.50	
	5015.66 5114.66	23.76 25.25	188.34 188.34	4970.85 5060.73	-321.77 -362.58	-35.77 -40.30	384.81	364.81	188.34	1.50	
	5213.66	25.25 28.73	188.34	5060.75 5149.72	-302.50	-46.10	408.19	408.19	186 34	1.50	
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Measured Depth FT	inci Angle Deg	Drift Direction Deg	True Vertical <u>Depth</u>	N-S FT	E-W FT	Vertical Section FT	CLO: Distance FT	SURE Direction Deg_	Dogleg Severity Deg/ <u>100</u>
5312.68	28.22	188.34	5237.55	-451.08	-50.14	453.88	453.88	186.34	1.50
5411.68	29.70	186.34	5324.17	-498,72	-55.44	501.79	501.79	188.34	1.50
Fnd of Bi									
5431.66	30.00	186.34	5341.52	-508.61	-56.54	511.75	511.75	186.34	1.50
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5631.66	30.00 30.00	186.34 186.34	5514.72	-558.31	-62.00	611.75	611.75	186.34	.00
5731.66	30.00	188.34	5601.33	-857.89	-73.11	681.75	681.75	186.34	.00
5831.66	30.00	186.34	5687.93	-707.39	-78.63	711.75	711.75	186.34	.00
0001.00	00.00	100.04	0007.00	-101,00	-10,00	111.70	/ 11.70	100.04	.99
5031.66	30.00	186.34	5774.53	-757.08	-84.18	781.75	761.75	186.34	.00
6031.66	30.00	188.34	5861.13	-806.78	-89.68	811.75	811.75	186.34	.00
8131.66	30.00	188.34	5947.74	-856.47	-95.20	861.75	861.75	188.34	.00
6231.66	30.00	186.34	8034.34	-906.16	-100.73	911.75	911.75	186.34	.00
8331.85	98.80	100.04	0400.04	055.88	106.25	961.75	961 75	186 34	nn
8431.68	30.00	186.34	おういえ トゥ	-1005.55	-111.78	1011.75	1011.75	186.34	.00
6431.66	30.00	186.34	6207.54 6294.15	-1055.25	-117.30	1081.75	1011.75	186.34	.00.
6631.68	30.00	186.34	6380.75	-11055.25	-122.82	1111.75	1111.75	186.34	.00
6731.66	30.00	186.34	6467.35	-1154.83	-128.35	1181.75	1161.75	186.34	.00 .00
6831.66	30.00	186.34	6553.95	-1204.33	-133.87	1211.75	1211.75	186,34	.00
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6931.66	30.00	186.34	6640.58	-1254.02	-139.40	1261.75	1261.75	186,34	.00
7031.66	30.00	186.34	6727.16	-1303.72	-144.92	1311.75	1311.75	188.34	.00
7131.66	30.00	186.34	8813.78	-1353.41	-150 44	1361.75	1361.76	188,34	.00
7231.56	30.00	186.34	6900.38	-1403.10	-155.97	1411.75	1411.75	188,34	.00
7331.66	30.00	188.34	8988.97	-1452.80	-101.49	1461.75	1461.75	186.34	.00
7431.66	30.00	186.34	7073.57	-1502.49	-167.02	1511.75	1511.75	186.34	.00
7531.68	30.00	186.34	7160.17	-1552.19	-172.54	1561.75	1581.75	186.34	.00
7631.66	30.00	186.34	7246.77	-1601.88	-178.06	1811.75	1611.75	186.34	.00
7731.66	30.00	188.34	7333.38	-1851.57	-183.59	1661.75	1661.75	186.34	.00
7831.66	30.00	188.34	7419.98	-1701.27	-189.11	1711.75	1711.75	186.34	.00
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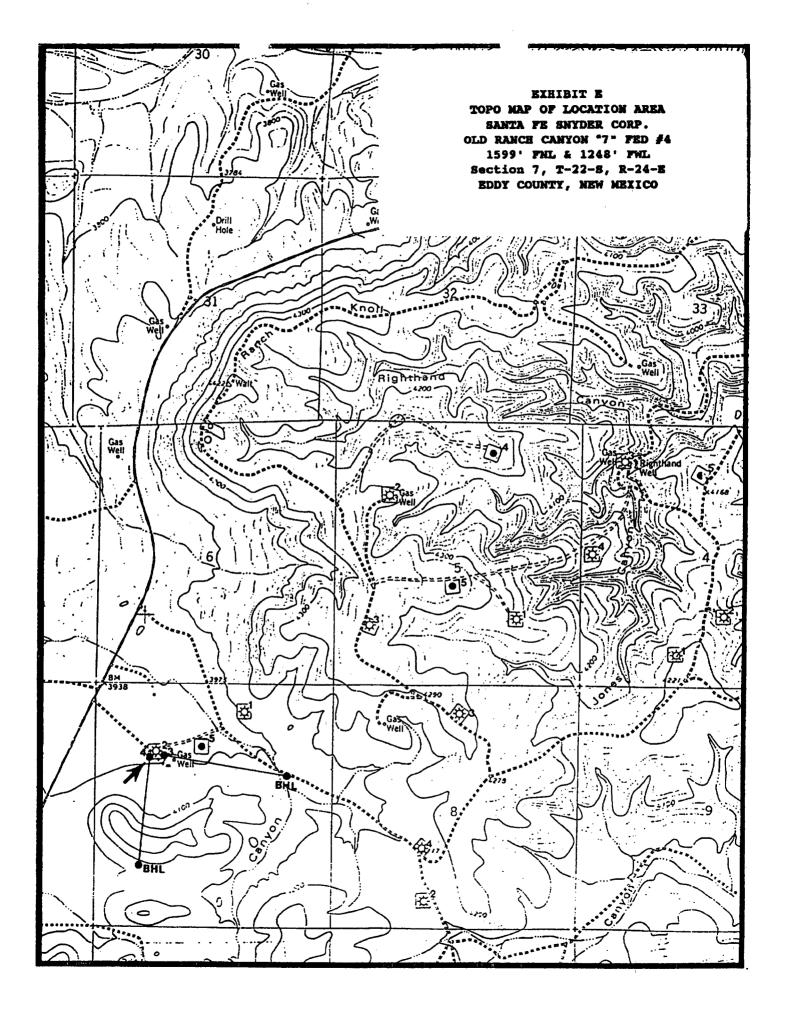
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EXISTING WELLS SANTA FE SNYDER CORP. OLD RANCH CAMYON "7" FED #4 1599' FNL & 1248' FWL Section 7, T-22-8, R-24-E EDDY COUNTY, NEW MEXICO

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