

FORM APPROVED OMB NO. 1004-0137

UNITED STATES DEPARTMENT OF THE INTERIOR

Submit in Duplicate*
(See other instructions

5. LEASE DESIGNATION AND SERIAL NO.
SF078707

		BUREAU OF	LAND N	IANAGEM	ENT		on re	everse side)			STUTOTUT		
								· # = 31		6. IF INDIAN	ALLOTTEE OR TRIBE	NAME	
WELL C	OMPLE	TION OR	RECC	MPLE	TIC	N REF	OR	TAND	LOG*	7			
									-	7. UNIT AGR	EEMENT NAME		
1a. TYPE OF WELL:	OIL	GAS X	DRY		1		-9 ∓ \	IER	المام مملم	ļ			
12. 1112.01 01.00	WELL	WELL	,	لـــــا			U/U	Carrier	igion, Mi	8. FARM OR	LEASE NAME, WELL NO	0.	
TYPE OF COMPLET	TION:										STARR #1C		
/	WORK	DEEP-	PLUG		1	DIFF.	٦٠٠	IER		9. API WELL	NO		
/	<u> </u>		_		l	RESVR		* 189	102		30-045-31098		
WELL	OVER	EN	BACK			RESVR) 0 	11/2				
2. NAME OF OPERATO	ж Edaenei	DOV INC			(2) P (6)					10. FIELD AND POOL, OR WILDCAT BASIN DAKOTA			
CORDILL		KGT, INC.	······			- /r:	, -	- 009	المرز ا		R.,M., OR BLOCK AND S	HDVEV	
3. ADDRESS AND TEL 5802 HIGH	EPHONE NO. MAKVEA EA	DMINGTON		7404		$\int \int $	Ĉ	1PR 5003		OR AREA	· ·	ONVET	
					-244 -	μ.				OK AND	•		
4. LOCTION OF WELL	(көроп юс	cation cleany a	no in acc	cordance w	yitn a	ny State re	quire	mentsj	N. 5				
At surface	2625' FSI	L & 1980' FW	/L - UL "	K"		Wais.	į		a I	SEC	:. 13, T31N, R13\	W	
At top prod. i	nterval renori	ed helow	Same			1	` ~	Enter to the St. St.					
At top prod.	inci vai ropori	00 001011	000			14. PERMIT	NO.	DATE ISS	UED AS	12. COUNTY	OP	13. STATE	
المصام المعادة	. Cama		11	12	,	14. PERMIT	10	. •		PARISH	SAN JUAN	NEW MEXICO	
At total depth	Same			1-03			<u> </u>	8207 57 57		<u> </u>		L	
15. DATE SPUDDED	16. DATE T.D. R			(Ready to			. ELEV	ATIONS (DF,	ŘKB. RT, GR, ETC	;.) *	19 ELEV. CASINGHE	AD	
02/09/2003	2/19/2003	Wa	iting o n	Commi	ngle		578	86' GR					
20. TOTAL DEPTH , MM	12 111 21 P	LUG, BACK T.D., I		22. IF MUI				23. INTER	WALS	ROTARY TO	OLS	CABLE TOOLS	
6830'	10.505	6810'	no a · · · ·	HOW			2	DRILLE			X	1	
								DIVILLI		<u> </u>		<u> </u>	
24. PRODUCTION INTE	RVAL(S) OF THI	S COMPLETION-	-TOP, BOTT	OM, NAME (MD AN	ID TVD)				:	25. WAS DIRECTIONAL		
DK 6628' -											SURVEY MADE	NO	
	ID 077 IED 1 007	- DINI				· · · · · · · · ·				27. WAS W	II COPED		
26. TYPE ELECTRIC AN										ZI. WAS WE	NO		
IND/GR/CAL	/DEN/NEUT/C									l			
28.			ASING F	RECORD	(Repo	ort all strings s	et in we	98))					
CASING SIZE/GRADE	WEIGHT, LB.	FT. DEPTH SE	T (MD)	нс	DLE SI	ZE		TOP O	F CEMENT, CEME	ENTING RECORD AMOUNT PULLED			
9-5/8"	36# - J55	283.	33'		12-1	/4"	257	7sx(54bbl)Cl	sB w/2%CaCl2,1/4# cellophane Ci			circ 20 bbl	
7"	20# - J55	412	2'		8-3/4" 940sx(320bbi)69			5/35ClsB w/2%CaCl2,1/4#cellophane,6%gel circ 75 b			circ 75 bbl		
4-1/2"	11.6# N80	683	0.77'		6-1/	4"	340	Osx(87bbl) 5	0/50 POZ w/2%gel,5pps Gilsonite,1/4pps cellop- TOC: 3340			TOC: 3340'	
	1						0.6	% Halad 9,	0.1% HR 5, 6.44	lgps wtr,5bb	l sugarwater,105 bbl	2% KCL	
29.	. 1	LINER RECO	RD					30.		G RECOR			
SIZE	TOP (MD)	BOTTOM (M		CKS CEMEN				SIZE	DEPTH SE		PACKER SET (M	(D)	
	,,		-/ 				V	2-3/8"	6714.97		4825'		
	·		-+					1 5/10					
04 PERFORATION PS	opp (Inte	erval, size and	numbori		32.	٠			<u> </u>				
31. PERFORATION REC	JORD (IIIIE	arvai, Size ariu	number)		32.				****				
.38" EHD - 1JSPF						DEPTH II	NTERV	AL (MD)	AMOUNT AND KIND OF MATERIAL USED				
6628' - 6745'								1,250 gal 15% HCL w/additives. Drop 15-7/8" ball sealers. Displace					
20 HOLES TOTAL										wtr @ 30-40bpm.			
					<u> </u>				Frac: 79,000# 2	20/40 mesh Super LC sand & AmBorMax 1020 @ 40bpm			
L					<u> </u>		=		L				
33.						PRODUC			<u></u>			(0-1-1	
DATE FIRST PRODUCT	ION PR	ODUCTION METI	100 (F	lowing, ga	s lift,	pumping-	SIZO	and type o	r pump)		WELL STATUS	(Producing or	
	1										Shut In	shut-in)	
DATE OF TEST	HR'S TESTED	CHOKE SIZE	PROD'N F	OR	OIL-	-BBL.	GA	SMCF	WATER-BBL		GAS-OIL RATIO		
		1	TEST PER	RIOD	1					ı			
FLOW THEN SEEDS	Lese spress	CAL C: 11 4		LOU BO	Ц			s MCE	WATER-BBL		OIL GRAVITY-API (COR	DE \	
FLOW TUBING PRESS CSG PRESS CALCULATED			OILBBL GASMCF W				mUF	ANTICITEDE OIL OIL OIL OIL (COLE.)					
24-HOUR RATE					ŀ			AAPATEN FAN BEAAF					
ACCEPTED FOR RECORD								UKL					
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Shut In until decline guns established on Mana Verde									į				
Shut In until decline curve established on Mesa Verde													
35. LIST OF ATTACHME	:N15									⊣ Al	PR r 4 2003		
	' 	, , .											
36. I hereby certify that the	ne foregoting apply	attackled informati	en je comple	ete and correc	t as de	etermined from	n all ava	ailable records		FARMI	NGTUM FIELD OFF	FICE	
SIGNED /	AN A	MALI	1			TITLE P	RODU	CTION TEC	HNICIAN	٦Α٠	SOARE	April 1, 2003	

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

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



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ing 14 km min selati ing 12. Panggaran	en e			MOLLY	MARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all zirily-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries).
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A CONTRACTOR			J.FF.S	O	3EOL(
GOOD TO SEE THE SECOND			385° 1530' 2065' 3680' 3980' 4460'	ME	GEOLOGIC MARKERS
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Key Energy Services, Inc.

Four Corners Division 5651 US Highway 64 P.O. Box 900 Farmington, NM 87499

Phone: 505-327-4935 Fax: 505-327-4962

January 31,2003

Rig #43

Cordillera 5802 Hwy 64 Farmington, NM 87401

This is to certify that Key Energy Services, did run deviation surveys at the listed depths on your Starr #1C well in S13-T31N-R13W in San Juan County, New Mexico.

Depth	Deviation	Depth	Deviation
254'	1°	2688'	1°
583'	1°	3350'	1°
860'	1°	3650'	1°
2385'	1°	3928'	1°

To the best of my knowledge, I swear this information to be true.

Sincerely,

Gary Miller

District Drilling Manager

My commission expires:

Notary Public